

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
17.73	17.72	17.98	18	QPSK	20MHz	1	0
17.69	17.67	17.60	18			1	49
17.59	17.60	17.49	18			1	99
16.68	16.66	16.73	17			50	0
16.71	16.56	16.60	17			50	25
16.53	16.46	16.62	17			50	50
16.83	16.79	16.85	17			100	0
16.75	16.70	16.71	17	16QAM		1	0
16.67	16.65	16.58	17			1	49
16.57	16.58	16.47	17			1	99
15.71	15.64	15.66	16			50	0
15.69	15.54	15.58	16			50	25
15.60	15.44	15.51	16			50	50
15.81	15.83	15.77	16			100	0
15.71	15.66	15.67	16	64QAM		1	0
15.63	15.61	15.54	16			1	49
15.53	15.54	15.43	16			1	99
14.67	14.60	14.62	15			50	0
14.65	14.50	14.54	15			50	25
14.56	14.40	14.47	15			50	50
14.77	14.79	14.73	15			100	0
13.77	13.71	13.46	13	256QAM		1	0
13.90	13.59	13.42	13			1	49
13.45	13.54	13.59	13			1	99
13.60	13.85	13.57	13			50	0
13.58	13.80	13.42	13			50	25
13.81	13.66	13.52	13			50	50
13.51	13.91	13.91	13			100	0

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43165	43340	43515	Channel				
3557.5	3575	3592.5	Frequency (MHz)				
17.79	17.58	17.67	18	QPSK	15MHz	1	0
17.55	17.52	17.62	18			1	37
17.50	17.65	17.55	18			1	74
16.48	16.60	16.63	17			36	0
16.44	16.50	16.58	17			36	19
16.43	16.60	16.51	17			36	39
16.78	16.83	16.61	17			75	0
16.91	16.47	16.65	17	16QAM		1	0
16.63	16.61	16.60	17			1	37
16.65	16.91	16.53	17			1	74
15.50	15.78	15.61	16			36	0
15.77	15.73	15.56	16			36	19
15.73	15.52	15.49	16			36	39
15.42	15.70	15.59	16			75	0
15.52	15.42	15.59	16	64QAM		1	0
15.73	15.48	15.54	16			1	37
15.61	15.84	15.47	16			1	74
14.79	14.90	14.55	15			36	0
14.63	14.55	14.50	15			36	19
14.41	14.58	14.43	15			36	39
14.48	14.91	14.53	15			75	0
12.69	12.91	12.59	13	256QAM		1	0
12.60	12.73	12.48	13			1	37
12.59	12.55	12.85	13			1	74
12.78	12.58	12.53	13			36	0
12.62	12.61	12.85	13			36	19
12.46	12.70	12.79	13			36	39
12.42	12.82	12.86	13			75	0

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
17.66	17.63	17.59	18	QPSK	10MHz	1	0
17.81	17.76	17.54	18			1	24
17.81	17.78	17.47	18			1	49
16.80	16.88	16.55	17			25	0
16.56	16.55	16.50	17			25	12
16.80	16.91	16.43	17			25	25
16.63	16.42	16.53	17			50	0
16.82	16.67	16.57	17	16QAM		1	0
16.73	16.49	16.52	17			1	24
16.46	16.71	16.45	17			1	49
15.45	15.67	15.53	16			25	0
15.85	15.72	15.48	16			25	12
15.68	15.61	15.41	16			25	25
15.64	15.45	15.51	16			50	0
15.87	15.57	15.51	16	64QAM		1	0
15.66	15.89	15.46	16			1	24
15.55	15.91	15.39	16			1	49
14.56	14.76	14.47	15			25	0
14.41	14.58	14.42	15			25	12
14.67	14.61	14.35	15			25	25
14.42	14.80	14.45	15			50	0
12.87	12.44	12.88	13	256QAM		1	0
12.69	12.72	12.61	13			1	24
12.51	12.58	12.83	13			1	49
12.54	12.41	12.80	13			25	0
12.48	12.69	12.43	13			25	12
12.71	12.91	12.83	13			25	25
12.89	12.75	12.81	13			50	0

LTE Band 42 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43115	43340	43565	Channel				
3552.5	3575	3597.5	Frequency (MHz)				
17.55	17.76	17.56	18	QPSK	5MHz	1	0
17.85	17.58	17.51	18			1	12
17.91	17.75	17.44	18			1	24
16.49	16.56	16.52	17			12	0
16.66	16.66	16.47	17			12	6
16.68	16.85	16.40	17			12	13
16.43	16.58	16.50	17			25	0
16.63	16.55	16.54	17	16QAM		1	0
16.44	16.81	16.49	17			1	12
16.52	16.75	16.42	17			1	24
15.53	15.77	15.50	16			12	0
15.81	15.54	15.45	16			12	6
15.67	15.65	15.38	16			12	13
15.59	15.82	15.48	16			25	0
15.51	15.57	15.48	16	64QAM		1	0
15.73	15.69	15.43	16			1	12
15.65	15.60	15.36	16			1	24
14.47	14.71	14.44	15			12	0
14.85	14.82	14.39	15			12	6
14.77	14.46	14.32	15			12	13
14.41	14.80	14.42	15			25	0
12.41	12.60	12.78	13	256QAM		1	0
12.79	12.90	12.57	13			1	12
12.81	12.49	12.49	13			1	24
12.60	12.56	12.57	13			12	0
12.42	12.86	12.63	13			12	6
12.41	12.88	12.79	13			12	13
12.70	12.67	12.59	13			25	0

LTE Band 43 Ant 4								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
44190	44340	44490	Channel					
3660	3675	3690	Frequency (MHz)					
19.74	19.78	19.73	20	QPSK	20MHz	1	0	
19.72	19.65	19.67	20			1	49	
19.61	19.63	19.57	20			1	99	
18.71	18.74	18.72	19			50	0	
18.62	18.66	18.65	19			50	25	
18.57	18.59	18.58	19			50	50	
18.69	18.72	18.71	19			100	0	
18.64	18.68	18.63	19			1	0	
18.62	18.55	18.57	19	16QAM		1	49	
18.51	18.53	18.47	19			1	99	
17.61	17.64	17.62	18			50	0	
17.52	17.56	17.55	18			50	25	
17.47	17.49	17.48	18			50	50	
17.59	17.62	17.61	18			100	0	
17.58	17.62	17.57	18			64QAM	1	0
17.56	17.49	17.51	18				1	49
17.45	17.47	17.41	18	1			99	
16.55	16.58	16.56	17	50			0	
16.46	16.50	16.49	17	50			25	
16.41	16.43	16.42	17	50			50	
16.53	16.56	16.55	17	100			0	
14.99	14.92	14.98	15	256QAM			1	0
14.97	14.90	14.92	15			1	49	
14.86	14.88	14.82	15			1	99	
13.96	13.99	13.97	15			50	0	
13.87	13.91	13.90	15			50	25	
13.82	13.84	13.83	15			50	50	
13.94	13.97	13.96	15			100	0	

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44165	44340	44515	Channel				
3657.5	3675	3692.5	Frequency (MHz)				
19.71	19.75	19.70	20	QPSK	15MHz	1	0
19.69	19.62	19.64	20			1	37
19.58	19.60	19.54	20			1	74
18.68	18.71	18.69	19			36	0
18.59	18.63	18.62	19			36	19
18.54	18.56	18.55	19			36	39
18.66	18.69	18.68	19			75	0
18.61	18.65	18.60	19	16QAM		1	0
18.59	18.52	18.54	19			1	37
18.48	18.50	18.44	19			1	74
17.58	17.61	17.59	18			36	0
17.49	17.53	17.52	18			36	19
17.44	17.46	17.45	18			36	39
17.56	17.59	17.58	18			75	0
17.55	17.59	17.54	18	64QAM		1	0
17.53	17.46	17.48	18			1	37
17.42	17.44	17.38	18			1	74
16.52	16.55	16.53	17			36	0
16.43	16.47	16.46	17			36	19
16.38	16.40	16.39	17			36	39
16.50	16.53	16.52	17			75	0
14.96	14.89	14.95	15	256QAM		1	0
14.94	14.87	14.89	15			1	37
14.83	14.85	14.79	15			1	74
13.93	13.96	13.94	15			36	0
13.84	13.88	13.87	15			36	19
13.79	13.81	13.80	15			36	39
13.91	13.94	13.93	15			75	0

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
19.65	19.69	19.64	20	QPSK	10MHz	1	0
19.63	19.56	19.58	20			1	24
19.52	19.54	19.48	20			1	49
18.62	18.65	18.63	19			25	0
18.53	18.57	18.56	19			25	12
18.48	18.50	18.49	19			25	25
18.60	18.63	18.62	19			50	0
18.55	18.59	18.54	19	16QAM		1	0
18.53	18.46	18.48	19			1	24
18.42	18.44	18.38	19			1	49
17.52	17.55	17.53	18			25	0
17.43	17.47	17.46	18			25	12
17.38	17.40	17.39	18			25	25
17.50	17.53	17.52	18			50	0
17.49	17.53	17.48	18	64QAM		1	0
17.47	17.40	17.42	18			1	24
17.36	17.38	17.32	18			1	49
16.46	16.49	16.47	17			25	0
16.37	16.41	16.40	17			25	12
16.32	16.34	16.33	17			25	25
16.44	16.47	16.46	17			50	0
14.90	14.83	14.89	15	256QAM		1	0
14.88	14.81	14.83	15			1	24
14.77	14.79	14.73	15			1	49
13.87	13.90	13.88	15			25	0
13.78	13.82	13.81	15			25	12
13.73	13.75	13.74	15			25	25
13.85	13.88	13.87	15			50	0

LTE Band 43 Ant 4							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44115	44340	44565	Channel				
3652.5	3675	3697.5	Frequency (MHz)				
19.61	19.65	19.60	20	QPSK	5MHz	1	0
19.59	19.52	19.54	20			1	12
19.48	19.50	19.44	20			1	24
18.58	18.61	18.59	19			12	0
18.49	18.53	18.52	19			12	6
18.44	18.46	18.45	19			12	13
18.56	18.59	18.58	19			25	0
18.51	18.55	18.50	19	16QAM		1	0
18.49	18.42	18.44	19			1	12
18.38	18.40	18.34	19			1	24
17.48	17.51	17.49	18			12	0
17.39	17.43	17.42	18			12	6
17.34	17.36	17.35	18			12	13
17.46	17.49	17.48	18			25	0
17.45	17.49	17.44	18	64QAM		1	0
17.43	17.36	17.38	18			1	12
17.32	17.34	17.28	18			1	24
16.42	16.45	16.43	17			12	0
16.33	16.37	16.36	17			12	6
16.28	16.30	16.29	17			12	13
16.40	16.43	16.42	17			25	0
14.86	14.79	14.85	15	256QAM		1	0
14.84	14.77	14.79	15			1	12
14.73	14.75	14.69	15			1	24
13.83	13.86	13.84	15			12	0
13.74	13.78	13.77	15			12	6
13.69	13.71	13.70	15			12	13
13.81	13.84	13.83	15			25	0



LTE Band 48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Frequency (MHz)				
17.42	17.71	17.75	17.72	18	QPSK	20MHz	1	0
17.71	17.68	17.25	17.65	18			1	49
17.67	17.62	17.16	17.53	18			1	99
16.36	16.16	16.47	16.28	17			50	0
16.33	16.23	16.44	16.32	17			50	25
16.24	16.14	16.35	16.23	17			50	50
16.44	16.34	16.55	16.43	17			100	0
16.73	16.69	16.27	16.70	17			1	0
16.69	16.66	16.23	16.63	17			1	49
16.65	16.60	16.14	16.51	17			1	99
15.34	15.14	15.45	15.26	16	16QAM		50	0
15.31	15.21	15.42	15.30	16			50	25
15.22	15.12	15.33	15.21	16			50	50
15.42	15.32	15.53	15.41	16			100	0
15.69	15.65	15.23	15.66	16			1	0
15.65	15.62	15.19	15.59	16			1	49
15.61	15.56	15.10	15.47	16	1		99	
14.30	14.10	14.41	14.22	15	64QAM		50	0
14.27	14.17	14.38	14.26	15			50	25
14.18	14.08	14.29	14.17	15			50	50
14.38	14.28	14.49	14.37	15		100	0	
12.88	12.63	12.95	12.65	13		256QAM	1	0
12.63	12.98	12.81	12.63	13	1		49	
12.90	12.85	12.88	12.86	13	1		99	
12.91	12.92	12.70	12.77	13	50		0	
12.91	12.87	12.76	12.64	13	50		25	
12.73	12.65	12.80	12.95	13	50		50	
12.88	12.65	12.69	12.75	13	100		0	

LTE Band 48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55315	55765	56215	56665	Channel				
3557.5	3602.5	3647.5	3692.5	Frequency (MHz)				
17.36	17.65	17.69	17.66	18	QPSK	15MHz	1	0
17.65	17.62	17.19	17.59	18			1	37
17.61	17.56	17.10	17.47	18			1	74
16.30	16.10	16.41	16.22	17			36	0
16.27	16.17	16.38	16.26	17			36	19
16.18	16.08	16.29	16.17	17			36	39
16.38	16.28	16.49	16.37	17			75	0
16.67	16.63	16.21	16.64	17	1		0	
16.63	16.60	16.17	16.57	17	1		37	
16.59	16.54	16.08	16.45	17	1		74	
15.28	15.08	15.39	15.20	16	16QAM		36	0
15.25	15.15	15.36	15.24	16			36	19
15.16	15.06	15.27	15.15	16			36	39
15.36	15.26	15.47	15.35	16			75	0
15.63	15.59	15.17	15.60	16			1	0
15.59	15.56	15.13	15.53	16	1		37	
15.55	15.50	15.04	15.41	16	1		74	
14.24	14.04	14.35	14.16	15	64QAM		36	0
14.21	14.11	14.32	14.20	15			36	19
14.12	14.02	14.23	14.11	15			36	39
14.32	14.22	14.43	14.31	15			75	0
12.82	12.57	12.89	12.59	13	256QAM		1	0
12.57	12.92	12.75	12.57	13			1	37
12.84	12.79	12.82	12.80	13			1	74
12.85	12.86	12.64	12.71	13			36	0
12.85	12.81	12.70	12.58	13			36	19
12.67	12.59	12.74	12.89	13			36	39
12.82	12.59	12.63	12.69	13			75	0

LTE Band 48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Frequency (MHz)				
17.31	17.60	17.64	17.61	18	QPSK	10MHz	1	0
17.60	17.57	17.14	17.54	18			1	24
17.56	17.51	17.05	17.42	18			1	49
16.25	16.05	16.36	16.17	17			25	0
16.22	16.12	16.33	16.21	17			25	12
16.13	16.03	16.24	16.12	17			25	25
16.33	16.23	16.44	16.32	17			50	0
16.62	16.58	16.16	16.59	17	16QAM		1	0
16.58	16.55	16.12	16.52	17			1	24
16.54	16.49	16.03	16.40	17			1	49
15.23	15.03	15.34	15.15	16			25	0
15.20	15.10	15.31	15.19	16			25	12
15.11	15.01	15.22	15.10	16			25	25
15.31	15.21	15.42	15.30	16			50	0
15.58	15.54	15.12	15.55	16	64QAM		1	0
15.54	15.51	15.08	15.48	16			1	24
15.50	15.45	14.99	15.36	16			1	49
14.19	13.99	14.30	14.11	15			25	0
14.16	14.06	14.27	14.15	15			25	12
14.07	13.97	14.18	14.06	15			25	25
14.27	14.17	14.38	14.26	15			50	0
12.77	12.52	12.84	12.54	13	256QAM		1	0
12.52	12.87	12.70	12.52	13			1	24
12.79	12.74	12.77	12.75	13			1	49
12.80	12.81	12.59	12.66	13			25	0
12.80	12.76	12.65	12.53	13			25	12
12.62	12.54	12.69	12.84	13			25	25
12.77	12.54	12.58	12.64	13			50	0

LTE Band 48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Frequency (MHz)				
17.28	17.57	17.61	17.58	18	QPSK	5MHz	1	0
17.57	17.54	17.11	17.51	18			1	12
17.53	17.48	17.02	17.39	18			1	24
16.22	16.02	16.33	16.14	17			12	0
16.19	16.09	16.30	16.18	17			12	6
16.10	16.00	16.21	16.09	17			12	13
16.30	16.20	16.41	16.29	17			25	0
16.59	16.55	16.13	16.56	17	16QAM		1	0
16.55	16.52	16.09	16.49	17			1	12
16.51	16.46	16.00	16.37	17			1	24
15.20	15.00	15.31	15.12	16			12	0
15.17	15.07	15.28	15.16	16			12	6
15.08	14.98	15.19	15.07	16			12	13
15.28	15.18	15.39	15.27	16			25	0
15.55	15.51	15.09	15.52	16	64QAM		1	0
15.51	15.48	15.05	15.45	16			1	12
15.47	15.42	14.96	15.33	16			1	24
14.16	13.96	14.27	14.08	15			12	0
14.13	14.03	14.24	14.12	15			12	6
14.04	13.94	14.15	14.03	15			12	13
14.24	14.14	14.35	14.23	15			25	0
12.74	12.49	12.81	12.51	13	256QAM		1	0
12.49	12.84	12.67	12.49	13			1	12
12.76	12.71	12.74	12.72	13			1	24
12.77	12.78	12.56	12.63	13			12	0
12.77	12.73	12.62	12.50	13			12	6
12.59	12.51	12.66	12.81	13			12	13
12.74	12.51	12.55	12.61	13			25	0

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
23.43	23.41	23.56	24	QPSK	20MHz	1	0
23.25	23.28	23.50	24			1	49
23.15	23.13	23.29	24			1	99
22.82	22.51	22.90	23			50	0
22.87	22.76	22.87	23			50	25
22.62	22.89	22.85	23			50	50
22.72	22.51	22.53	23			100	0
22.70	22.96	22.52	23	16QAM		1	0
22.76	22.89	22.59	23			1	49
22.90	22.89	22.62	23			1	99
21.97	21.52	21.87	22			50	0
21.68	21.68	21.79	22			50	25
21.68	21.63	21.59	22			50	50
21.54	21.83	21.60	22			100	0
21.81	21.66	21.71	22	64QAM		1	0
21.89	21.53	21.89	22			1	49
21.88	21.52	21.73	22			1	99
20.67	20.90	20.86	21			50	0
20.85	20.65	20.65	21			50	25
20.57	20.67	20.88	21			50	50
20.56	20.98	20.94	21			100	0
18.66	18.81	18.92	19	256QAM		1	0
18.54	18.68	18.66	19			1	49
18.52	18.81	18.86	19			1	99
18.94	18.57	18.80	19			50	0
18.61	18.74	18.89	19			50	25
18.82	18.99	18.87	19			50	50
18.67	18.77	18.67	19			100	0

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43165	43340	43515	Channel				
3557.5	3575	3592.5	Frequency (MHz)				
23.37	23.33	23.37	24	QPSK	15MHz	1	0
23.40	23.46	23.43	24			1	37
23.38	23.25	23.39	24			1	74
22.81	22.97	22.95	23			36	0
22.90	22.61	22.97	23			36	19
22.90	22.63	22.94	23			36	39
22.65	22.71	22.65	23			75	0
22.67	22.60	22.67	23	16QAM		1	0
22.77	22.86	22.64	23			1	37
22.89	22.63	22.94	23			1	74
21.58	21.92	21.58	22			36	0
21.91	21.71	21.71	22			36	19
21.75	21.68	21.69	22			36	39
21.83	21.67	21.87	22			75	0
21.95	21.92	21.96	22	64QAM		1	0
21.67	21.80	21.63	22			1	37
21.81	21.51	21.67	22			1	74
20.77	20.59	20.66	21			36	0
20.97	20.55	20.78	21			36	19
20.83	20.87	21.00	21			36	39
20.54	20.69	20.50	21			75	0
18.79	18.82	18.50	19	256QAM		1	0
18.97	18.53	18.61	19			1	37
18.59	18.95	18.78	19			1	74
18.74	18.80	18.80	19			36	0
18.89	18.56	18.61	19			36	19
18.55	18.79	18.88	19			36	39
18.87	18.72	18.97	19			75	0

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.46	23.42	23.48	24	QPSK	10MHz	1	0
23.45	23.31	23.32	24			1	24
23.30	23.47	23.44	24			1	49
22.72	22.92	22.67	23			25	0
22.79	22.72	22.50	23			25	12
22.51	22.85	22.94	23			25	25
22.97	22.54	22.54	23			50	0
22.72	22.56	22.76	23	16QAM		1	0
22.52	22.56	22.69	23			1	24
22.54	22.78	22.66	23			1	49
21.66	21.94	21.59	22			25	0
21.81	21.52	21.79	22			25	12
21.68	21.78	21.71	22			25	25
21.98	21.69	21.73	22			50	0
21.71	21.61	21.88	22	64QAM	1	0	
21.88	21.62	21.90	22		1	24	
21.57	21.63	21.95	22		1	49	
20.63	20.57	20.93	21		25	0	
20.90	20.88	20.67	21		25	12	
20.96	20.69	20.78	21		25	25	
20.94	20.54	20.70	21		50	0	
18.61	18.54	18.79	19	256QAM	1	0	
18.86	18.63	18.57	19		1	24	
18.83	18.55	18.75	19		1	49	
18.82	18.91	18.66	19		25	0	
18.52	18.98	18.72	19		25	12	
18.76	18.98	18.58	19		25	25	
18.83	18.78	18.97	19		50	0	

LTE Band 42 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43115	43340	43565	Channel				
3552.5	3575	3597.5	Frequency (MHz)				
23.31	23.40	23.38	24	QPSK	5MHz	1	0
23.46	23.29	23.40	24			1	12
23.39	23.40	23.36	24			1	24
22.79	22.59	22.63	23			12	0
22.65	22.85	22.73	23			12	6
22.52	22.55	22.98	23			12	13
22.82	22.76	22.86	23			25	0
22.69	22.66	22.73	23	16QAM		1	0
22.63	22.68	22.57	23			1	12
23.00	22.90	22.56	23			1	24
21.91	21.55	21.85	22			12	0
21.87	21.57	21.92	22			12	6
21.50	21.64	21.81	22			12	13
21.84	21.91	21.64	22			25	0
21.54	21.98	21.56	22	64QAM		1	0
21.55	21.54	21.61	22			1	12
21.62	21.61	21.54	22			1	24
20.56	20.77	20.59	21			12	0
20.52	20.90	20.68	21			12	6
20.84	20.78	20.99	21			12	13
20.64	20.53	20.61	21			25	0
18.64	18.88	18.63	19	256QAM		1	0
18.75	18.94	18.82	19			1	12
18.99	18.83	18.86	19			1	24
18.67	18.87	18.63	19			12	0
18.96	18.85	18.65	19			12	6
18.85	18.93	18.53	19			12	13
18.79	18.66	18.61	19			25	0



LTE Band 43 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
23.14	23.19	23.18	24	QPSK	20MHz	1	0
22.91	23.01	23.07	24			1	49
23.02	23.15	23.08	24			1	99
22.53	22.75	22.74	23			50	0
22.72	22.53	22.53	23			50	25
22.63	22.50	22.51	23			50	50
22.71	22.61	22.31	23			100	0
22.82	22.68	22.61	23	16QAM		1	0
22.82	22.73	22.66	23			1	49
22.83	22.74	22.60	23			1	99
21.77	21.57	21.83	22			50	0
21.60	21.53	21.78	22			50	25
21.76	21.77	21.69	22			50	50
21.51	21.65	21.65	22			100	0
21.62	21.74	21.96	22	64QAM		1	0
21.62	21.62	21.63	22			1	49
21.97	21.53	21.94	22			1	99
21.00	20.76	20.57	21			50	0
20.53	20.84	20.53	21			50	25
20.86	20.70	20.58	21			50	50
20.91	20.71	20.57	21			100	0
18.96	18.61	18.55	19	256QAM		1	0
18.58	18.96	18.92	19			1	49
18.77	18.69	18.67	19			1	99
18.59	18.51	18.58	19			50	0
18.82	18.54	18.87	19			50	25
18.97	18.78	18.96	19			50	50
18.60	18.80	18.98	19			100	0

LTE Band 43 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44165	44340	44515	Channel				
3657.5	3675	3692.5	Frequency (MHz)				
23.06	23.11	23.01	24	QPSK	15MHz	1	0
23.14	23.11	22.99	24			1	37
22.96	22.91	23.15	24			1	74
22.53	22.62	22.85	23			36	0
22.92	22.72	22.78	23			36	19
22.90	22.95	22.86	23			36	39
22.63	22.97	22.94	23			75	0
22.82	22.52	22.91	23	16QAM		1	0
22.50	22.68	22.68	23			1	37
22.76	22.75	22.58	23			1	74
21.93	21.67	21.97	22			36	0
21.91	21.68	21.57	22			36	19
21.88	21.71	21.82	22			36	39
21.69	21.80	21.54	22			75	0
21.59	21.89	21.76	22	64QAM		1	0
21.83	21.54	21.96	22			1	37
21.76	21.51	21.62	22			1	74
20.85	20.58	20.69	21			36	0
20.94	20.73	20.96	21			36	19
20.70	20.66	21.00	21			36	39
21.00	20.91	20.87	21			75	0
18.71	19.00	18.92	19	256QAM		1	0
18.74	18.65	18.97	19			1	37
18.90	18.98	18.94	19			1	74
18.83	19.00	18.63	19			36	0
18.95	18.57	18.60	19			36	19
18.67	18.77	18.93	19			36	39
18.60	18.79	18.69	19			75	0

LTE Band 43 Ant 6							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
23.10	22.94	22.96	24	QPSK	10MHz	1	0
23.02	22.97	22.95	24			1	24
22.93	23.13	23.02	24			1	49
22.77	22.63	22.70	23			25	0
22.70	22.63	22.79	23			25	12
22.76	22.50	22.99	23			25	25
22.72	22.52	22.73	23			50	0
22.71	22.53	22.82	23	16QAM		1	0
22.86	22.86	22.78	23			1	24
23.00	22.60	22.50	23			1	49
21.93	21.86	21.69	22			25	0
21.55	21.55	21.57	22			25	12
21.56	21.71	21.86	22			25	25
21.93	21.60	21.85	22			50	0
21.75	21.53	21.66	22	64QAM		1	0
21.82	21.94	21.80	22			1	24
21.50	21.96	21.66	22			1	49
20.69	20.97	20.56	21			25	0
20.61	20.77	20.86	21			25	12
20.76	20.98	20.86	21			25	25
20.94	20.97	20.67	21			50	0
18.63	18.94	18.56	19	256QAM		1	0
18.97	18.95	18.88	19			1	24
18.81	18.78	18.83	19			1	49
18.52	18.87	18.66	19			25	0
18.67	18.52	18.50	19			25	12
18.55	18.83	18.56	19			25	25
18.89	18.65	18.77	19			50	0

LTE Band 43 Ant 6								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
44115	44340	44565	Channel					
3652.5	3675	3697.5	Frequency (MHz)					
22.99	22.91	23.13	24	QPSK	5MHz	1	0	
22.95	23.13	23.07	24			1	12	
22.92	22.96	23.03	24			1	24	
22.50	22.55	22.94	23			12	0	
22.99	22.58	22.63	23			12	6	
22.69	22.63	22.93	23			12	13	
22.98	22.80	22.68	23			25	0	
22.83	23.00	22.87	23			1	0	
22.51	22.68	22.83	23	16QAM		1	12	
22.95	22.55	22.81	23			1	24	
21.85	21.56	21.68	22			12	0	
21.73	21.61	21.58	22			12	6	
21.76	21.71	21.62	22			12	13	
21.71	21.86	21.61	22			25	0	
21.90	21.68	21.67	22			64QAM	1	0
21.79	21.84	21.81	22				1	12
21.71	21.69	21.63	22	1			24	
20.56	20.77	20.63	21	12			0	
20.60	20.69	20.51	21	12			6	
20.90	20.91	20.97	21	12			13	
20.72	20.96	20.97	21	25			0	
18.52	18.85	18.73	19	256QAM			1	0
18.90	18.97	18.83	19			1	12	
18.58	18.64	18.89	19			1	24	
18.71	18.72	19.00	19			12	0	
18.53	18.56	18.75	19			12	6	
18.67	18.81	18.75	19			12	13	
18.94	18.53	18.93	19			25	0	

LTE Band 48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Frequency (MHz)				
23.25	23.16	23.29	23.24	24	QPSK	20MHz	1	0
23.14	23.23	23.11	23.25	24			1	49
22.98	23.2	23.24	23.28	24			1	99
22.70	22.74	22.81	22.76	23			50	0
22.64	22.75	22.92	22.50	23			50	25
22.70	22.31	22.56	22.58	23			50	50
22.56	22.54	22.98	22.78	23			100	0
22.99	23.07	22.90	22.51	23	16QAM		1	0
22.77	22.73	22.72	22.51	23			1	49
22.59	22.54	22.56	22.60	23			1	99
21.86	21.87	21.80	21.58	22			50	0
21.59	21.97	21.88	21.73	22			50	25
21.61	22.01	21.60	21.73	22			50	50
21.84	21.85	21.85	21.91	22			100	0
21.61	22.04	21.77	21.82	22	64QAM	1	0	
21.74	21.87	21.65	21.94	22		1	49	
21.90	22.05	21.78	21.54	22		1	99	
20.89	20.74	20.65	20.77	21		50	0	
20.75	21.09	20.63	20.91	21		50	25	
20.66	21.06	20.80	20.69	21		50	50	
21.00	21.15	20.88	21.00	21		100	0	
18.85	19.15	18.77	18.83	19	256QAM	1	0	
18.70	18.77	18.71	19.00	19		1	49	
18.95	18.73	18.61	18.50	19		1	99	
18.73	19	18.61	18.60	19		50	0	
18.68	18.73	18.88	18.58	19		50	25	
18.71	19.07	18.91	18.50	19		50	50	
18.58	18.78	18.63	18.85	19		100	0	

LTE Band 48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55315	55765	56215	56665	Channel				
3557.5	3602.5	3647.5	3692.5	Frequency (MHz)				
22.95	23.15	23.04	23.02	24	QPSK	15MHz	1	0
22.98	23.03	23.10	22.96	24			1	37
23.15	23.01	23.12	22.95	24			1	74
22.80	22.58	22.84	22.78	23			36	0
22.81	22.59	22.97	22.82	23			36	19
22.87	22.74	22.65	22.73	23			36	39
22.59	22.58	22.59	22.90	23			75	0
22.86	22.83	22.98	22.94	23	16QAM		1	0
22.52	22.61	22.83	22.60	23			1	37
22.95	22.57	22.68	22.62	23			1	74
21.57	21.72	21.70	21.79	22			36	0
21.90	21.89	21.85	21.70	22			36	19
21.80	21.62	21.65	21.81	22			36	39
21.74	21.63	21.52	21.98	22			75	0
21.57	21.67	21.91	21.50	22	64QAM		1	0
21.80	21.82	21.69	21.68	22			1	37
21.91	21.76	21.62	21.52	22			1	74
20.63	20.81	20.84	20.66	21			36	0
20.62	20.55	20.55	21.00	21			36	19
20.62	20.83	20.79	20.82	21			36	39
20.68	20.55	21.00	20.78	21			75	0
18.82	18.95	18.78	19.00	19	256QAM		1	0
18.71	18.98	18.55	18.53	19			1	37
18.74	18.56	18.90	18.79	19			1	74
18.84	18.53	18.95	18.61	19			36	0
18.54	18.50	18.74	18.86	19			36	19
18.81	18.54	18.68	18.71	19			36	39
18.70	18.66	18.59	18.80	19			75	0

LTE Band 48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Frequency (MHz)				
23.03	23.12	23.07	23.10	24	QPSK	10MHz	1	0
23.08	22.90	23.10	23.03	24			1	24
23.00	22.95	22.98	23.10	24			1	49
22.63	22.82	22.82	23.00	23			25	0
22.92	22.67	22.64	22.63	23			25	12
22.96	22.80	22.71	22.83	23			25	25
22.79	22.54	22.94	22.90	23			50	0
22.62	22.82	22.65	22.96	23	16QAM		1	0
22.76	22.69	22.80	23.00	23			1	24
22.76	22.72	22.78	22.89	23			1	49
21.54	21.83	21.69	21.78	22			25	0
21.87	21.98	21.94	22.00	22			25	12
21.50	21.72	21.72	22.00	22			25	25
21.67	21.52	21.69	21.67	22			50	0
21.80	21.91	21.50	21.56	22	64QAM		1	0
21.92	21.63	21.53	21.53	22			1	24
21.78	21.98	21.96	21.87	22			1	49
20.94	20.67	20.51	20.69	21			25	0
20.89	20.91	20.53	20.55	21			25	12
20.63	20.70	20.96	20.72	21			25	25
20.90	20.55	20.70	20.78	21			50	0
18.88	19.00	18.81	18.89	19	256QAM		1	0
18.88	18.73	18.74	18.56	19			1	24
18.92	18.94	18.55	18.86	19			1	49
18.82	18.95	18.61	18.74	19			25	0
18.80	18.67	18.55	18.78	19			25	12
18.83	18.98	18.96	18.72	19			25	25
18.98	18.52	18.76	18.93	19			50	0

LTE Band 48 Ant 6								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Frequency (MHz)				
22.97	22.96	23.02	22.99	24	QPSK	5MHz	1	0
22.97	22.92	23.03	23.07	24			1	12
23.04	22.93	23.15	23.15	24			1	24
22.64	22.67	22.68	22.70	23			12	0
22.71	22.75	22.54	22.58	23			12	6
22.63	22.87	22.90	22.65	23			12	13
22.54	22.77	22.99	22.67	23			25	0
22.78	22.66	22.75	22.72	23	16QAM		1	0
22.80	22.83	22.98	22.55	23			1	12
22.68	22.51	22.67	22.76	23			1	24
21.93	21.93	21.55	21.76	22			12	0
21.79	21.87	21.92	21.88	22			12	6
21.50	21.91	21.62	21.98	22			12	13
21.75	21.96	21.75	21.75	22			25	0
21.94	21.56	21.74	21.81	22	64QAM		1	0
21.67	21.93	21.99	21.62	22			1	12
21.75	21.73	22.00	21.69	22			1	24
20.70	20.71	20.55	21.00	21			12	0
20.83	20.73	20.67	20.62	21			12	6
20.53	20.68	20.80	20.51	21			12	13
20.54	20.51	20.59	20.57	21			25	0
18.89	18.67	18.97	18.61	19	256QAM		1	0
18.56	18.98	18.91	18.73	19			1	12
18.68	18.82	18.73	18.84	19			1	24
18.57	18.57	18.62	18.93	19			12	0
18.93	18.78	18.98	18.92	19			12	6
18.76	18.52	18.68	18.59	19			12	13
18.98	18.97	18.69	18.89	19			25	0



LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43190	43340	43490	Channel				
3560	3575	3590	Frequency (MHz)				
23.37	23.23	23.51	24	QPSK	20MHz	1	0
23.15	23.33	23.36	24			1	49
23.29	23.19	23.47	24			1	99
22.59	22.64	23.00	23			50	0
22.69	22.83	22.51	23			50	25
22.73	22.65	22.52	23			50	50
22.51	22.64	22.81	23			100	0
22.66	22.76	22.97	23	16QAM		1	0
22.66	22.98	22.99	23			1	49
22.51	22.56	22.88	23			1	99
21.65	21.63	21.92	22			50	0
21.85	21.53	21.50	22			50	25
22.00	21.90	21.76	22			50	50
21.75	21.53	21.98	22			100	0
21.95	21.64	21.82	22	64QAM		1	0
21.97	21.73	21.59	22			1	49
21.50	21.57	21.77	22			1	99
20.94	20.93	20.72	21			50	0
20.87	20.88	20.61	21			50	25
20.96	21.00	20.67	21			50	50
20.86	20.52	20.91	21			100	0
18.66	18.95	18.96	19	256QAM		1	0
18.66	18.51	18.58	19			1	49
18.60	18.80	18.82	19			1	99
18.96	18.52	18.52	19			50	0
18.94	18.94	18.68	19			50	25
18.66	18.55	18.86	19			50	50
18.73	18.74	18.55	19			100	0

LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43165	43340	43515	Channel				
3557.5	3575	3592.5	Frequency (MHz)				
23.39	23.37	23.22	24	QPSK	15MHz	1	0
23.32	23.34	23.33	24			1	37
23.35	23.39	23.30	24			1	74
22.65	22.63	22.66	23			36	0
22.89	22.62	22.51	23			36	19
22.77	22.86	22.79	23			36	39
22.97	22.81	22.95	23			75	0
22.98	22.64	22.62	23	16QAM		1	0
22.72	22.50	22.90	23			1	37
22.76	22.72	22.66	23			1	74
21.58	21.77	21.88	22			36	0
21.66	21.71	22.00	22			36	19
21.54	21.93	21.88	22			36	39
21.51	21.66	21.58	22			75	0
21.99	21.75	21.81	22	64QAM		1	0
21.53	21.80	21.70	22			1	37
21.85	21.56	21.62	22			1	74
20.86	20.76	20.85	21			36	0
20.72	20.53	20.87	21			36	19
20.61	20.92	20.78	21			36	39
20.57	20.75	20.61	21			75	0
18.65	18.98	18.97	19	256QAM		1	0
18.89	18.88	18.99	19			1	37
19.00	18.98	18.92	19			1	74
18.52	18.98	18.95	19			36	0
18.72	18.98	18.92	19			36	19
18.90	18.65	18.91	19			36	39
18.66	18.54	18.71	19			75	0

LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43140	43340	43540	Channel				
3555	3575	3595	Frequency (MHz)				
23.31	23.35	23.23	24	QPSK	10MHz	1	0
23.33	23.20	23.25	24			1	24
23.27	23.22	23.17	24			1	49
22.94	22.50	22.51	23			25	0
22.97	22.72	22.85	23			25	12
22.79	22.57	22.98	23			25	25
22.72	22.60	22.58	23			50	0
22.52	22.89	22.54	23	16QAM		1	0
22.58	22.89	23.00	23			1	24
22.84	22.73	22.52	23			1	49
21.93	21.60	21.58	22			25	0
21.55	21.65	21.59	22			25	12
21.69	21.88	21.93	22			25	25
21.61	21.86	21.92	22			50	0
21.89	21.51	21.54	22	64QAM		1	0
21.95	21.67	21.55	22			1	24
21.90	21.62	21.77	22			1	49
20.53	20.64	20.53	21			25	0
20.56	20.57	20.58	21			25	12
20.97	20.51	20.70	21			25	25
20.65	20.88	20.52	21			50	0
18.95	18.97	18.60	19	256QAM		1	0
18.79	19.00	18.79	19			1	24
18.68	18.62	18.76	19			1	49
18.96	18.76	18.74	19			25	0
18.93	18.75	18.82	19			25	12
18.64	18.88	18.90	19			25	25
18.82	18.56	18.64	19			50	0

LTE Band 42 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
43115	43340	43565	Channel				
3552.5	3575	3597.5	Frequency (MHz)				
23.29	23.36	23.28	24	QPSK	5MHz	1	0
23.29	23.18	23.19	24			1	12
23.38	23.26	23.23	24			1	24
22.66	22.78	22.57	23			12	0
22.67	22.70	22.52	23			12	6
22.92	22.98	22.51	23			12	13
22.82	22.64	22.54	23			25	0
22.51	22.59	22.64	23	16QAM		1	0
22.64	23.00	22.95	23			1	12
22.61	22.94	22.56	23			1	24
21.59	21.99	21.58	22			12	0
21.58	21.92	21.68	22			12	6
22.00	22.00	21.62	22			12	13
21.63	21.51	21.70	22			25	0
21.85	21.59	21.97	22	64QAM		1	0
21.73	21.84	21.83	22			1	12
21.88	21.62	21.77	22			1	24
20.57	20.65	20.88	21			12	0
20.60	20.85	20.84	21			12	6
20.82	20.74	20.69	21			12	13
20.53	20.77	20.72	21			25	0
18.80	18.98	18.78	19	256QAM		1	0
18.57	18.87	18.73	19			1	12
18.78	18.65	18.58	19			1	24
18.59	18.57	18.88	19			12	0
18.54	18.50	18.67	19			12	6
18.95	18.55	18.81	19			12	13
19.00	18.93	18.70	19			25	0

LTE Band 43 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44190	44340	44490	Channel				
3660	3675	3690	Frequency (MHz)				
23.56	23.75	23.52	24	QPSK	20MHz	1	0
23.42	23.47	23.51	24			1	49
23.44	23.73	23.46	24			1	99
22.54	22.87	22.86	23			50	0
22.83	22.81	22.80	23			50	25
22.57	22.72	22.67	23			50	50
22.59	22.79	22.81	23			100	0
22.96	22.55	22.57	23	16QAM		1	0
22.80	22.79	22.90	23			1	49
23.00	22.57	22.98	23			1	99
21.92	21.94	21.51	22			50	0
21.53	21.65	21.62	22			50	25
21.65	21.86	21.53	22			50	50
21.96	21.54	21.94	22			100	0
21.93	21.90	21.57	22	64QAM		1	0
21.75	21.50	21.77	22			1	49
21.76	21.91	21.87	22			1	99
20.58	20.99	20.71	21			50	0
20.82	20.64	20.88	21			50	25
20.91	20.53	20.71	21			50	50
20.51	20.53	20.61	21			100	0
18.70	18.75	18.78	19	256QAM		1	0
18.77	18.78	18.70	19			1	49
18.82	18.53	18.80	19			1	99
18.66	18.59	18.69	19			50	0
18.70	18.82	18.64	19			50	25
18.81	18.90	18.72	19			50	50
18.53	18.61	18.84	19			100	0

LTE Band 43 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44165	44340	44515	Channel				
3657.5	3675	3692.5	Frequency (MHz)				
23.55	23.43	23.66	24	QPSK	15MHz	1	0
23.54	23.54	23.53	24			1	37
23.71	23.72	23.58	24			1	74
22.88	22.57	22.59	23			36	0
22.97	22.69	22.98	23			36	19
22.75	22.71	22.80	23			36	39
22.79	22.95	22.67	23			75	0
22.94	22.63	22.86	23	16QAM		1	0
22.61	22.52	22.88	23			1	37
22.56	22.66	22.77	23			1	74
21.80	21.99	21.69	22			36	0
21.77	21.54	21.74	22			36	19
21.61	21.91	21.78	22			36	39
21.86	21.63	21.94	22			75	0
21.56	21.61	21.83	22	64QAM		1	0
21.79	21.50	21.71	22			1	37
21.51	21.92	21.70	22			1	74
20.73	20.95	20.64	21			36	0
20.55	20.80	20.75	21			36	19
20.66	20.95	20.69	21			36	39
20.70	20.90	20.70	21			75	0
18.95	18.50	18.56	19	256QAM		1	0
19.00	18.54	18.85	19			1	37
18.73	18.75	18.99	19			1	74
18.83	18.66	18.74	19			36	0
18.74	18.75	18.64	19			36	19
18.77	18.76	18.95	19			36	39
18.73	18.66	18.92	19			75	0

LTE Band 43 Ant 7							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
44140	44340	44540	Channel				
3655	3675	3695	Frequency (MHz)				
23.66	23.55	23.66	24	QPSK	10MHz	1	0
23.54	23.54	23.51	24			1	24
23.61	23.67	23.53	24			1	49
22.66	22.73	22.66	23			25	0
22.64	22.63	22.69	23			25	12
22.81	22.83	22.50	23			25	25
22.69	22.60	22.58	23			50	0
22.74	22.95	22.59	23	16QAM		1	0
22.94	22.57	22.83	23			1	24
22.86	22.92	22.95	23			1	49
21.58	21.62	21.96	22			25	0
21.63	21.87	22.00	22			25	12
21.62	21.82	21.65	22			25	25
21.98	21.86	22.00	22			50	0
21.77	21.57	21.75	22	64QAM	1	0	
21.76	21.69	21.55	22		1	24	
21.79	21.94	21.53	22		1	49	
20.84	20.59	20.93	21		25	0	
20.89	20.89	21.00	21		25	12	
20.83	20.77	20.89	21		25	25	
20.84	20.89	20.85	21		50	0	
18.93	18.85	18.78	19	256QAM	1	0	
18.63	18.51	18.97	19		1	24	
18.58	18.87	18.61	19		1	49	
18.56	18.54	18.84	19		25	0	
18.99	18.65	18.51	19		25	12	
18.65	18.58	18.70	19		25	25	
18.51	18.70	18.52	19		50	0	

LTE Band 43 Ant 7								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
44115	44340	44565	Channel					
3652.5	3675	3697.5	Frequency (MHz)					
23.60	23.72	23.62	24	QPSK	5MHz	1	0	
23.66	23.54	23.52	24			1	12	
23.62	23.73	23.51	24			1	24	
23.00	22.86	22.53	23			12	0	
22.56	22.82	22.98	23			12	6	
22.86	22.62	22.86	23			12	13	
22.85	22.53	22.76	23			25	0	
22.93	22.77	22.55	23			1	0	
22.60	22.52	22.98	23	16QAM		1	12	
22.82	22.72	22.99	23			1	24	
21.93	21.62	21.83	22			12	0	
21.84	21.70	21.91	22			12	6	
21.82	21.50	21.58	22			12	13	
21.80	21.95	21.54	22			25	0	
21.73	21.71	21.59	22			64QAM	1	0
21.76	21.87	21.79	22				1	12
21.62	21.79	21.75	22	1			24	
20.59	20.71	20.92	21	12			0	
20.76	20.66	20.66	21	12			6	
20.87	20.89	20.72	21	12			13	
20.96	20.51	20.61	21	25			0	
18.95	18.77	18.52	19	256QAM			1	0
18.97	18.52	18.94	19			1	12	
18.81	18.51	18.57	19			1	24	
18.89	18.54	18.66	19			12	0	
18.90	18.74	18.78	19			12	6	
18.51	18.71	18.63	19			12	13	
18.55	18.64	19.00	19			25	0	



LTE Band 48 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55340	55773	56207	56640	Channel				
3560	3603.3	3646.7	3690	Frequency (MHz)				
23.01	23.06	23.22	23.20	24	QPSK	20MHz	1	0
23.07	23.08	23.15	23.01	24			1	49
22.95	22.93	22.96	22.89	24			1	99
22.88	22.51	22.94	22.76	23			50	0
22.65	22.79	22.56	22.54	23			50	25
22.50	22.52	22.89	22.58	23			50	50
22.92	22.81	22.96	22.84	23			100	0
22.60	22.54	22.74	22.94	23	16QAM		1	0
22.64	22.88	22.94	22.78	23			1	49
22.92	22.78	22.54	22.78	23			1	99
21.50	21.66	21.72	21.76	22			50	0
21.85	21.79	21.72	21.90	22			50	25
21.63	21.93	21.74	21.92	22			50	50
21.78	21.65	21.75	21.84	22			100	0
21.70	21.72	21.53	21.66	22	64QAM		1	0
21.51	21.83	21.91	21.89	22			1	49
21.94	21.97	21.99	21.53	22			1	99
21.00	20.78	20.78	20.74	21			50	0
20.61	20.70	20.99	20.85	21			50	25
20.77	20.70	20.71	20.78	21			50	50
20.66	20.59	20.92	20.93	21			100	0
18.64	18.67	18.71	18.59	19	256QAM		1	0
18.54	18.82	18.78	18.67	19			1	49
18.80	18.80	18.94	18.51	19			1	99
18.94	18.91	18.61	18.99	19			50	0
18.59	18.91	18.80	18.82	19			50	25
18.58	18.58	18.65	18.61	19			50	50
18.84	18.92	18.89	18.81	19			100	0

LTE Band 48 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55315	55765	56215	56665	Channel				
3557.5	3602.5	3647.5	3692.5	Frequency (MHz)				
23.13	23.11	23.21	23.15	24	QPSK	15MHz	1	0
23.12	23.13	22.90	23.11	24			1	37
23.21	23.07	23.17	23.11	24			1	74
22.59	22.72	22.75	22.82	23			36	0
22.76	22.71	22.60	22.95	23			36	19
22.68	22.74	22.86	22.62	23			36	39
22.72	22.95	22.77	22.85	23			75	0
22.93	22.75	22.86	22.64	23	16QAM		1	0
22.67	22.88	22.54	22.68	23			1	37
22.80	22.71	22.77	22.71	23			1	74
21.63	21.59	21.54	21.53	22			36	0
21.83	21.92	22.00	21.71	22			36	19
21.63	21.54	21.90	21.96	22			36	39
21.79	21.73	21.74	21.54	22			75	0
21.74	21.90	21.89	21.52	22	64QAM		1	0
21.92	21.72	21.95	21.51	22			1	37
21.77	21.93	21.68	21.58	22			1	74
20.78	20.74	20.79	20.89	21			36	0
20.54	20.54	20.89	20.50	21			36	19
20.61	20.63	20.87	20.74	21			36	39
20.88	20.98	20.79	20.57	21			75	0
18.61	18.96	18.58	18.85	19	256QAM		1	0
18.69	18.91	18.81	18.93	19			1	37
19.00	18.98	18.91	18.87	19			1	74
18.50	18.80	18.55	18.63	19			36	0
18.56	18.53	18.79	18.68	19			36	19
18.79	18.79	18.97	18.71	19			36	39
18.95	18.85	18.79	18.72	19			75	0

LTE Band 48 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55290	55757	56223	56690	Channel				
3555	3601.7	3648.3	3695	Frequency (MHz)				
23.02	22.95	22.90	23.04	24	QPSK	10MHz	1	0
23.12	22.93	23.05	22.95	24			1	24
23.04	23.17	23.06	23.07	24			1	49
22.62	22.54	22.94	22.65	23			25	0
22.67	22.80	22.70	22.73	23			25	12
22.65	22.94	22.77	23.00	23			25	25
22.50	22.50	22.59	22.80	23			50	0
22.87	22.75	22.91	23.00	23	16QAM		1	0
22.92	22.94	22.54	22.94	23			1	24
22.51	22.53	22.65	22.97	23			1	49
21.60	21.65	21.74	21.75	22			25	0
21.90	21.63	21.88	21.91	22			25	12
21.85	21.82	21.92	21.80	22			25	25
21.55	21.84	21.53	21.90	22			50	0
21.75	21.52	21.66	21.62	22	64QAM		1	0
21.86	21.80	21.50	21.91	22			1	24
21.70	21.58	21.74	21.93	22			1	49
20.50	20.58	20.57	20.68	21			25	0
20.66	20.99	20.89	20.98	21			25	12
20.97	20.73	20.83	20.82	21			25	25
20.95	20.92	20.54	20.66	21			50	0
18.98	18.78	18.72	18.92	19	256QAM		1	0
18.67	18.81	18.72	18.88	19			1	24
18.53	18.97	18.72	18.85	19			1	49
18.65	18.75	18.93	18.57	19			25	0
18.73	18.53	18.74	18.85	19			25	12
18.85	18.76	18.65	18.69	19			25	25
18.98	18.56	19.00	18.91	19			50	0

LTE Band 48 Ant 7								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
55265	55748	56232	56715	Channel				
3552.5	3600.8	3649.2	3697.5	Frequency (MHz)				
23.10	22.96	23.03	23.08	24	QPSK	5MHz	1	0
22.93	23.14	23.16	23.16	24			1	12
23.04	23.11	22.94	22.93	24			1	24
22.96	22.79	22.69	22.87	23			12	0
22.85	22.53	22.60	22.62	23			12	6
22.56	22.50	22.67	22.53	23			12	13
22.52	22.89	22.60	22.58	23			25	0
22.92	22.65	22.58	22.55	23	16QAM		1	0
22.58	22.91	22.51	22.77	23			1	12
22.84	22.93	22.82	22.53	23			1	24
21.71	21.67	21.50	21.56	22			12	0
21.70	21.90	21.79	21.78	22			12	6
21.78	21.85	21.81	21.56	22			12	13
21.81	21.76	21.63	21.80	22			25	0
21.94	21.70	21.78	21.76	22	64QAM		1	0
21.99	21.71	21.57	21.72	22			1	12
21.93	21.76	21.91	21.70	22			1	24
20.82	20.82	20.71	20.91	21			12	0
20.68	20.54	20.85	20.84	21			12	6
20.99	20.86	20.72	20.70	21			12	13
20.93	20.98	20.59	20.64	21			25	0
18.73	18.57	18.80	18.67	19	256QAM		1	0
18.56	18.52	18.59	18.74	19			1	12
18.98	18.96	18.55	18.53	19			1	24
18.99	18.98	18.90	18.50	19			12	0
18.67	18.90	18.82	18.90	19			12	6
18.60	18.56	18.99	18.85	19			12	13
18.51	18.58	18.60	18.92	19			25	0

NR Band n2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
22.99	23.04	22.94	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.08	22.95	23.09	23.5			1	53
22.99	22.99	23.05	23.5			1	104
22.61	22.67	22.63	23			50	0
23.05	23.08	23.04	23.5			50	28
22.65	22.41	22.68	23			50	56
22.40	22.57	22.66	23			100	0
23.01	23.19	23.09	23.5	DFT-S QPSK		1	1
23.04	23.11	23.03	23.5			1	53
23.01	23.09	23.11	23.5			1	104
22.05	21.93	21.98	22.5			50	0
23.14	23.17	23.10	23.5			50	28
22.02	22.08	22.17	22.5			50	56
22.00	22.18	22.05	22.5			100	0
21.90	22.15	22.16	22.5	DFT-S 16QAM	1	1	
20.42	20.43	20.40	21	DFT-S 64QAM	1	1	
18.53	18.50	18.46	19	DFT-S 256QAM	1	1	
21.46	21.57	21.40	22	CP QPSK	1	1	

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376000	380500	Channel					
1857.5	1880	1902.5	Frequency (MHz)					
23.05	23.05	22.98	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.10	22.98	22.99	23.5			1	40	
22.97	22.95	22.92	23.5			1	77	
22.49	22.62	22.53	23			36	0	
23.09	23.04	23.05	23.5			36	22	
22.49	22.58	22.61	23			36	43	
22.46	22.41	22.54	23			75	0	
23.07	23.04	23.03	23.5	DFT-S QPSK		1	1	
23.04	22.93	22.90	23.5			1	40	
23.12	23.07	22.99	23.5			1	77	
22.18	22.19	22.12	22.5			36	0	
23.08	23.17	23.07	23.5			36	22	
22.11	22.03	22.20	22.5			36	43	
22.14	22.13	22.09	22.5			75	0	
22.10	22.16	21.99	22.5	DFT-S 16QAM	1	1		
20.59	20.70	20.62	21	DFT-S 64QAM	1	1		
18.51	18.55	18.58	19	DFT-S 256QAM	1	1		
21.57	21.58	21.50	22	CP QPSK	1	1		

NR Band n2 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
23.06	23.01	23.00	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.94	22.97	23.02	23.5			1	26
23.00	22.93	23.10	23.5			1	50
22.65	22.48	22.64	23			25	0
22.98	23.06	22.93	23.5			25	14
22.60	22.70	22.48	23			25	27
22.69	22.44	22.59	23			50	0
22.96	23.14	23.04	23.5	DFT-S QPSK		1	1
23.07	23.11	23.18	23.5			1	26
23.15	23.16	23.16	23.5			1	50
22.15	22.16	21.99	22.5			25	0
23.11	22.93	23.14	23.5			25	14
22.15	22.02	21.93	22.5			25	27
22.15	22.04	21.96	22.5			50	0
22.11	22.06	21.99	22.5	DFT-S 16QAM	1	1	
20.59	20.59	20.52	21	DFT-S 64QAM	1	1	
18.57	18.56	18.45	19	DFT-S 256QAM	1	1	
21.57	21.67	21.64	22	CP QPSK	1	1	

NR Band n2 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
23.04	23.02	23.03	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.98	23.09	22.92	23.5			1	13	
23.09	23.09	22.95	23.5			1	23	
22.42	22.64	22.57	23			12	0	
22.99	22.91	23.09	23.5			12	7	
22.67	22.61	22.54	23			12	13	
22.56	22.69	22.59	23			25	0	
23.02	23.06	22.91	23.5	DFT-S QPSK		1	1	
23.00	23.09	23.14	23.5			1	13	
23.12	23.14	23.08	23.5			1	23	
22.12	21.97	22.06	22.5			12	0	
23.08	22.91	23.18	23.5			12	7	
22.17	21.93	22.14	22.5			12	13	
22.13	21.91	21.92	22.5			25	0	
22.03	22.07	22.14	22.5	DFT-S 16QAM	1	1		
20.57	20.56	20.45	21	DFT-S 64QAM	1	1		
18.68	18.64	18.67	19	DFT-S 256QAM	1	1		
21.43	21.50	21.58	22	CP QPSK	1	1		



NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166800	167300	167800	Channel					
834	836.5	839	Frequency (MHz)					
23.20	23.18	23.16	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.10	23.19	23.18	23.5			1	53	
23.14	23.19	23.18	23.5			1	104	
22.69	22.60	22.67	23			50	0	
23.12	23.19	23.18	23.5			50	28	
22.69	22.62	22.66	23			50	56	
22.62	22.68	22.62	23			100	0	
23.40	23.46	23.38	23.5	DFT-S QPSK		1	1	
23.11	23.18	23.15	23.5			1	53	
23.19	23.12	23.19	23.5			1	104	
22.10	22.19	22.17	22.5			50	0	
23.38	23.40	23.36	23.5			50	28	
22.15	22.12	22.20	22.5			50	56	
22.40	22.42	22.39	22.5			100	0	
22.15	22.15	22.18	22.5	DFT-S 16QAM	1	1		
20.67	20.65	20.69	21	DFT-S 64QAM	1	1		
18.68	18.63	18.62	19	DFT-S 256QAM	1	1		
21.63	21.60	21.60	22	CP QPSK	1	1		

NR Band n5 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
166300	167300	168300	Channel				
831.5	836.5	841.5	Frequency (MHz)				
23.15	23.13	23.11	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.11	23.14	23.14	23.5			1	40
23.16	23.15	23.16	23.5			1	77
22.61	22.69	22.69	23			36	0
23.12	23.11	23.14	23.5			36	22
22.60	22.70	22.64	23			36	43
22.67	22.69	22.67	23			75	0
23.35	23.36	23.38	23.5	DFT-S QPSK		1	1
23.19	23.16	23.18	23.5			1	40
23.10	23.18	23.16	23.5			1	77
22.14	22.18	22.16	22.5			36	0
23.43	23.38	23.37	23.5			36	22
22.14	22.18	22.17	22.5			36	43
22.38	22.38	22.40	22.5			75	0
22.19	22.20	22.13	22.5	DFT-S 16QAM	1	1	
20.65	20.61	20.68	21	DFT-S 64QAM	1	1	
18.69	18.62	18.67	19	DFT-S 256QAM	1	1	
21.66	21.70	21.67	22	CP QPSK	1	1	

NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165800	167300	168800	Channel					
829	836.5	844	Frequency (MHz)					
23.16	23.18	23.15	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.11	23.13	23.18	23.5			1	26	
23.14	23.11	23.15	23.5			1	50	
22.69	22.63	22.69	23			25	0	
23.18	23.19	23.13	23.5			25	14	
22.64	22.70	22.62	23			25	27	
22.60	22.64	22.68	23			50	0	
23.38	23.38	23.39	23.5	DFT-S QPSK		1	1	
23.14	23.20	23.10	23.5			1	26	
23.11	23.12	23.18	23.5			1	50	
22.14	22.18	22.14	22.5			25	0	
23.35	23.36	23.41	23.5			25	14	
22.18	22.15	22.11	22.5			25	27	
22.31	22.38	22.39	22.5			50	0	
22.10	22.11	22.15	22.5	DFT-S 16QAM	1	1		
20.62	20.67	20.62	21	DFT-S 64QAM	1	1		
18.66	18.64	18.70	19	DFT-S 256QAM	1	1		
21.70	21.61	21.60	22	CP QPSK	1	1		

NR Band n5 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165300	167300	169300	Channel					
826.5	836.5	846.5	Frequency (MHz)					
23.12	23.10	23.10	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.19	23.15	23.13	23.5			1	13	
23.12	23.16	23.20	23.5			1	23	
22.69	22.65	22.69	23			12	0	
23.19	23.16	23.20	23.5			12	7	
22.63	22.64	22.69	23			12	13	
22.63	22.69	22.66	23			25	0	
23.36	23.39	23.37	23.5	DFT-S QPSK		1	1	
23.16	23.13	23.16	23.5			1	13	
23.15	23.20	23.12	23.5			1	23	
22.12	22.17	22.14	22.5			12	0	
23.40	23.36	23.37	23.5			12	7	
22.11	22.10	22.13	22.5			12	13	
22.38	22.38	22.32	22.5			25	0	
22.17	22.10	22.17	22.5	DFT-S 16QAM	1	1		
20.65	20.60	20.65	21	DFT-S 64QAM	1	1		
18.62	18.67	18.61	19	DFT-S 256QAM	1	1		
21.64	21.69	21.70	22	CP QPSK	1	1		

Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502000	507000	512000	Channel				
2510	2535	2560	Frequency (MHz)				
22.30	22.31	22.26	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
22.27	22.30	22.23	24			1	53
22.28	22.23	22.01	24			1	104
21.66	21.68	21.69	23.5			50	0
22.05	22.07	22.03	24			50	28
21.71	21.72	21.68	23.5			50	56
21.78	21.75	21.79	23.5			100	0
22.34	22.35	22.26	24	DFT-S QPSK		1	1
22.22	22.05	22.03	24			1	53
22.33	22.17	22.02	24			1	104
21.44	21.42	21.39	23			50	0
22.20	22.22	22.17	24			50	28
21.42	21.48	21.47	23			50	56
21.45	21.39	21.38	23			100	0
21.41	21.46	21.49	23	DFT-S 16QAM	1	1	
19.88	19.82	19.91	21.5	DFT-S 64QAM	1	1	
17.99	17.92	17.94	19.5	DFT-S 256QAM	1	1	
20.95	20.91	20.89	22.5	CP QPSK	1	1	

NR Band n7 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
22.08	22.20	22.01	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
22.13	22.16	22.13	24			1	40	
22.16	22.10	22.05	24			1	77	
21.79	21.72	21.77	23.5			36	0	
22.04	22.30	22.11	24			36	22	
21.71	21.72	21.73	23.5			36	43	
21.76	21.69	21.72	23.5			75	0	
22.23	22.23	22.10	24	DFT-S QPSK		1	1	
22.20	22.26	22.13	24			1	40	
22.22	22.20	22.00	24			1	77	
21.38	21.41	21.39	23			36	0	
22.13	22.21	22.01	24			36	22	
21.44	21.49	21.46	23			36	43	
21.42	21.44	21.48	23			75	0	
21.43	21.47	21.39	23	DFT-S 16QAM	1	1		
19.88	19.92	19.91	21.5	DFT-S 64QAM	1	1		
17.93	17.88	18.00	19.5	DFT-S 256QAM	1	1		
20.95	20.92	20.98	22.5	CP QPSK	1	1		

NR Band n7 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
22.17	22.17	22.06	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.13	22.19	22.09	24			1	26
22.20	22.32	22.07	24			1	50
21.99	21.97	21.98	23.5			25	0
22.21	22.18	22.12	24			25	14
21.88	21.92	21.91	23.5			25	27
21.86	21.91	21.86	23.5			50	0
22.14	22.18	22.09	24	DFT-S QPSK		1	1
22.22	22.19	22.11	24			1	26
22.30	22.31	22.08	24			1	50
21.49	21.44	21.45	23			25	0
22.25	22.26	22.09	24			25	14
21.42	21.43	21.44	23			25	27
21.48	21.41	21.43	23			50	0
21.39	21.48	21.38	23	DFT-S 16QAM	1	1	
19.97	19.89	19.95	21.5	DFT-S 64QAM	1	1	
17.89	17.91	17.98	19.5	DFT-S 256QAM	1	1	
20.97	20.99	20.97	22.5	CP QPSK	1	1	

NR Band n7 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
22.04	22.04	22.03	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.02	22.03	22.01	24			1	13	
22.05	22.01	22.01	24			1	23	
21.67	21.77	21.63	23.5			12	0	
22.04	22.11	22.00	24			12	7	
21.66	21.74	21.69	23.5			12	13	
21.68	21.72	21.66	23.5			25	0	
22.08	22.08	22.10	24	DFT-S QPSK		1	1	
22.09	22.13	22.16	24			1	13	
22.17	22.05	22.09	24			1	23	
21.48	21.45	21.48	23			12	0	
22.14	22.11	22.14	24			12	7	
21.44	21.46	21.47	23			12	13	
21.48	21.39	21.44	23			25	0	
21.42	21.41	21.39	23	DFT-S 16QAM	1	1		
19.95	19.92	19.96	21.5	DFT-S 64QAM	1	1		
17.91	17.98	17.90	19.5	DFT-S 256QAM	1	1		
20.92	20.96	20.88	22.5	CP QPSK	1	1		



NR Band n12 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
141300	141500	141700	Channel					
706.5	707.5	708.5	Frequency (MHz)					
22.79	22.84	22.81	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
22.77	22.66	22.71	24			1	40	
22.60	22.54	22.55	24			1	77	
22.45	22.38	22.39	23.5			36	0	
22.80	22.75	22.76	24			36	22	
22.44	22.39	22.41	23.5			36	43	
22.48	22.42	22.39	23.5			75	0	
22.85	23.02	22.83	24	DFT-S QPSK		1	1	
22.77	22.81	22.72	24			1	40	
22.56	22.58	22.53	24			1	77	
22.29	22.31	22.23	23			36	0	
22.78	22.80	22.74	24			36	22	
22.31	22.29	22.22	23			36	43	
22.30	22.30	22.26	23			75	0	
22.28	22.29	22.30	23	DFT-S 16QAM	1	1		
20.94	20.98	20.88	21.5	DFT-S 64QAM	1	1		
18.91	18.92	18.94	19.5	DFT-S 256QAM	1	1		
21.94	21.96	21.93	22.5	CP QPSK	1	1		

NR Band n12 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140800	141500	142200	Channel					
704	707.5	711	Frequency (MHz)					
22.84	22.84	22.77	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
22.71	22.73	22.71	24			1	26	
22.68	22.69	22.74	24			1	50	
22.44	22.41	22.42	23.5			25	0	
22.88	22.77	22.78	24			25	14	
22.44	22.49	22.48	23.5			25	27	
22.41	22.47	22.39	23.5			50	0	
22.93	22.97	22.86	24	DFT-S QPSK		1	1	
22.88	22.88	22.72	24			1	26	
22.71	22.66	22.61	24			1	50	
22.34	22.36	22.29	23			25	0	
22.86	22.95	22.77	24			25	14	
22.33	22.38	22.31	23			25	27	
22.38	22.34	22.30	23			50	0	
22.36	22.38	22.29	23	DFT-S 16QAM	1	1		
20.96	20.99	20.89	21.5	DFT-S 64QAM	1	1		
18.88	18.91	18.96	19.5	DFT-S 256QAM	1	1		
21.89	21.96	21.93	22.5	CP QPSK	1	1		

NR Band n12 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140300	141500	142700	Channel					
701.5	707.5	713.5	Frequency (MHz)					
22.83	22.78	22.66	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.85	22.88	22.64	24			1	13	
22.80	22.67	22.50	24			1	23	
22.49	22.44	22.39	23.5			12	0	
22.86	22.90	22.63	24			12	7	
22.45	22.47	22.42	23.5			12	13	
22.44	22.43	22.40	23.5			25	0	
22.92	22.77	22.67	24	DFT-S QPSK		1	1	
22.88	22.72	22.66	24			1	13	
22.82	22.69	22.61	24			1	23	
22.35	22.29	22.24	23			12	0	
22.91	22.85	22.64	24			12	7	
22.34	22.28	22.26	23			12	13	
22.37	22.29	22.31	23			25	0	
22.33	22.32	22.31	23	DFT-S 16QAM	1	1		
20.88	20.94	20.89	21.5	DFT-S 64QAM	1	1		
18.97	18.99	18.94	19.5	DFT-S 256QAM	1	1		
21.89	21.95	21.88	22.5	CP QPSK	1	1		

NR Band n13 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
156400	Channel				
782	Frequency (MHz)				
22.81	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.78	24			1	26
22.82	24			1	50
22.41	23.5			25	0
22.78	24			25	14
22.43	23.5			25	27
22.42	23.5			50	0
22.98	24	DFT-S QPSK		1	1
22.91	24			1	26
22.83	24			1	50
21.87	23			25	0
22.81	24			25	14
21.86	23			25	27
21.83	23			50	0
21.92	23	DFT-S 16QAM	1	1	
20.41	21.5	DFT-S 64QAM	1	1	
18.49	19.5	DFT-S 256QAM	1	1	
21.43	22.5	CP QPSK	1	1	

NR Band n13 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
155900	156400	156900	Channel					
779.5	782	784.5	Frequency (MHz)					
22.56	22.70	22.71	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.54	22.72	22.53	24			1	13	
22.54	22.62	22.53	24			1	23	
22.18	22.36	22.14	23.5			12	0	
22.48	22.68	22.56	24			12	7	
22.35	22.40	22.27	23.5			12	13	
22.18	22.34	22.29	23.5			25	0	
22.79	22.86	22.70	24	DFT-S QPSK		1	1	
22.76	22.76	22.61	24			1	13	
22.69	22.74	22.69	24			1	23	
21.59	21.69	21.57	23			12	0	
22.67	22.71	22.52	24			12	7	
21.73	21.76	21.66	23			12	13	
21.56	21.76	21.56	23			25	0	
21.46	21.68	21.48	23	DFT-S 16QAM	1	1		
20.12	20.24	20.22	21.5	DFT-S 64QAM	1	1		
18.36	18.46	18.33	19.5	DFT-S 256QAM	1	1		
21.16	21.26	21.11	22.5	CP QPSK	1	1		

NR Band n14 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
158600	Channel				
793	Frequency (MHz)				
23.62	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.68	24			1	26
23.66	24			1	50
23.16	23.5			25	0
23.64	24			25	14
23.11	23.5			25	27
23.18	23.5			50	0
23.99	24	DFT-S QPSK		1	1
23.62	24			1	26
23.63	24			1	50
22.69	23			25	0
23.85	24			25	14
22.70	23			25	27
22.87	23			50	0
22.63	23	DFT-S 16QAM	1	1	
21.15	21.5	DFT-S 64QAM	1	1	
19.12	19.5	DFT-S 256QAM	1	1	
22.17	22.5	CP QPSK	1	1	

NR Band n14 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
158100	158600	159100	Channel				
790.5	793	795.5	Frequency (MHz)				
23.66	23.66	23.64	24	DFT-S $\pi/2$ BPSK	5MHz	1	1
23.70	23.62	23.65	24			1	13
23.68	23.61	23.60	24			1	23
23.13	23.11	23.16	23.5			12	0
23.62	23.65	23.63	24			12	7
23.17	23.17	23.11	23.5			12	13
23.18	23.16	23.16	23.5			25	0
23.93	23.94	23.94	24	DFT-S QPSK		1	1
23.60	23.64	23.68	24			1	13
23.66	23.63	23.70	24			1	23
22.61	22.70	22.67	23			12	0
23.90	23.95	23.92	24			12	7
22.68	22.61	22.60	23			12	13
22.83	22.81	22.87	23			25	0
22.63	22.61	22.68	23	DFT-S 16QAM	1	1	
21.20	21.13	21.20	21.5	DFT-S 64QAM	1	1	
19.13	19.15	19.17	19.5	DFT-S 256QAM	1	1	
22.11	22.18	22.16	22.5	CP QPSK	1	1	

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
22.13	22.18	22.03	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1	
22.06	22.13	22.01	23.5			1	53	
22.19	22.01	22.11	23.5			1	104	
21.78	21.77	21.67	23			50	0	
22.15	22.23	22.11	23.5			50	28	
21.77	21.72	21.66	23			50	56	
21.78	21.76	21.63	23			100	0	
22.21	22.43	22.12	23.5	DFT-S QPSK		1	1	
22.07	22.31	22.13	23.5			1	53	
22.12	22.12	22.11	23.5			1	104	
21.49	21.48	21.44	22.5			50	0	
22.15	22.22	22.08	23.5			50	28	
21.41	21.44	21.41	22.5			50	56	
21.45	21.48	21.42	22.5			100	0	
21.39	21.43	21.38	22.5	DFT-S 16QAM	1	1		
19.94	19.98	19.95	21	DFT-S 64QAM	1	1		
17.96	17.95	17.91	19	DFT-S 256QAM	1	1		
20.91	20.96	20.93	22	CP QPSK	1	1		



NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
22.26	22.12	22.18	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
22.22	22.08	22.06	23.5			1	40	
22.14	22.05	22.13	23.5			1	77	
21.87	21.78	21.56	23			36	0	
22.27	22.09	22.14	23.5			36	22	
21.82	21.77	21.58	23			36	43	
21.85	21.76	21.61	23			75	0	
22.20	22.16	22.14	23.5	DFT-S QPSK		1	1	
22.21	22.09	22.18	23.5			1	40	
22.23	22.03	22.04	23.5			1	77	
21.44	21.49	21.39	22.5			36	0	
22.31	22.15	22.13	23.5			36	22	
21.42	21.44	21.38	22.5			36	43	
21.41	21.47	21.39	22.5			75	0	
21.49	21.45	21.41	22.5	DFT-S 16QAM	1	1		
19.88	19.91	19.82	21	DFT-S 64QAM	1	1		
17.94	17.95	17.91	19	DFT-S 256QAM	1	1		
20.98	20.93	20.88	22	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376500	382000	Channel					
1855	1882.5	1910	Frequency (MHz)					
22.31	22.20	22.19	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1	
22.30	22.18	22.18	23.5			1	26	
22.30	22.19	22.15	23.5			1	50	
21.97	21.94	21.79	23			25	0	
22.41	22.37	22.34	23.5			25	14	
21.95	21.93	21.74	23			25	27	
21.93	21.91	21.77	23			50	0	
22.36	22.23	22.20	23.5	DFT-S QPSK		1	1	
22.33	22.17	22.14	23.5			1	26	
22.19	22.04	22.03	23.5			1	50	
21.48	21.48	21.33	22.5			25	0	
22.40	22.40	22.00	23.5			25	14	
21.44	21.47	21.34	22.5			25	27	
21.48	21.45	21.32	22.5			50	0	
21.47	21.44	21.37	22.5	DFT-S 16QAM	1	1		
19.89	19.88	19.80	21	DFT-S 64QAM	1	1		
17.95	17.93	17.91	19	DFT-S 256QAM	1	1		
20.88	20.89	20.81	22	CP QPSK	1	1		

NR Band n25 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
22.14	22.22	22.21	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.11	22.20	22.14	23.5			1	13	
22.15	22.19	22.16	23.5			1	23	
21.89	21.88	21.56	23			12	0	
22.21	22.19	22.20	23.5			12	7	
21.88	21.84	21.59	23			12	13	
21.91	21.85	21.58	23			25	0	
22.26	22.21	22.14	23.5	DFT-S QPSK		1	1	
22.24	22.20	22.17	23.5			1	13	
22.25	22.16	22.19	23.5			1	23	
21.44	21.47	21.29	22.5			12	0	
22.22	22.22	22.14	23.5			12	7	
21.42	21.45	21.31	22.5			12	13	
21.44	21.46	21.30	22.5			25	0	
21.40	21.44	21.28	22.5	DFT-S 16QAM	1	1		
19.97	19.98	19.86	21	DFT-S 64QAM	1	1		
17.91	17.93	17.85	19	DFT-S 256QAM	1	1		
20.94	20.93	20.79	22	CP QPSK	1	1		

NR Band n30 Ant 0					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
22.58	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.54	23.5			1	26
22.57	23.5			1	50
22.50	23			25	0
22.59	23.5			25	14
22.49	23			25	27
22.43	23			50	0
22.65	23.5	DFT-S QPSK		1	1
22.63	23.5			1	26
22.56	23.5			1	50
22.00	22.5			25	0
22.62	23.5			25	14
21.97	22.5			25	27
21.89	22.5			50	0
21.91	22.5	DFT-S 16QAM	1	1	
20.50	21	DFT-S 64QAM	1	1	
18.43	19	DFT-S 256QAM	1	1	
21.11	22	CP QPSK	1	1	

NR Band n30 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
22.49	22.51	22.59	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.41	22.55	22.48	23.5			1	13	
22.61	22.61	22.58	23.5			1	23	
22.23	22.41	22.41	23			12	0	
22.39	22.43	22.40	23.5			12	7	
22.34	22.50	22.48	23			12	13	
22.43	22.46	22.32	23			25	0	
22.46	22.64	22.60	23.5	DFT-S QPSK		1	1	
22.46	22.62	22.55	23.5			1	13	
22.43	22.43	22.29	23.5			1	23	
21.85	21.95	21.94	22.5			12	0	
22.45	22.54	22.40	23.5			12	7	
21.86	21.98	21.86	22.5			12	13	
21.30	21.46	21.39	22.5			25	0	
21.89	21.91	21.80	22.5	DFT-S 16QAM	1	1		
20.39	20.46	20.44	21	DFT-S 64QAM	1	1		
18.27	18.31	18.28	19	DFT-S 256QAM	1	1		
21.28	21.45	21.35	22	CP QPSK	1	1		

NR Band n66 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
344000	349000	354000	Channel				
1720	1745	1770	Frequency (MHz)				
22.67	22.85	22.98	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1
22.74	22.96	22.76	23.5			1	53
22.91	22.98	22.74	23.5			1	104
22.25	22.43	22.39	23			50	0
22.78	22.78	22.68	23.5			50	28
22.38	22.48	22.41	23			50	56
22.32	22.38	22.29	23			100	0
22.80	22.99	22.87	23.5	DFT-S QPSK		1	1
22.94	22.97	22.92	23.5			1	53
22.84	22.91	22.89	23.5			1	104
21.25	21.44	21.42	22.5			50	0
22.79	22.96	22.76	23.5			50	28
21.86	21.89	21.74	22.5			50	56
21.67	21.91	21.91	22.5			100	0
21.85	21.92	21.66	22.5	DFT-S 16QAM	1	1	
20.40	20.41	20.19	21	DFT-S 64QAM	1	1	
18.37	18.42	18.13	19	DFT-S 256QAM	1	1	
21.26	21.43	21.18	22	CP QPSK	1	1	

NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
22.58	22.84	22.89	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
22.72	22.94	22.75	23.5			1	40	
22.82	22.91	22.65	23.5			1	77	
22.20	22.37	22.32	23			36	0	
22.71	22.75	22.61	23.5			36	22	
22.38	22.41	22.40	23			36	43	
22.27	22.31	22.29	23			75	0	
22.76	22.96	22.84	23.5	DFT-S QPSK		1	1	
22.85	22.92	22.90	23.5			1	40	
22.83	22.85	22.79	23.5			1	77	
21.18	21.36	21.33	22.5			36	0	
22.79	22.91	22.69	23.5			36	22	
21.84	21.80	21.71	22.5			36	43	
21.67	21.91	21.88	22.5			75	0	
21.79	21.83	21.58	22.5	DFT-S 16QAM	1	1		
20.40	20.35	20.11	21	DFT-S 64QAM	1	1		
18.30	18.39	18.06	19	DFT-S 256QAM	1	1		
21.22	21.36	21.09	22	CP QPSK	1	1		

NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343000	349000	355000	Channel					
1715	1745	1775	Frequency (MHz)					
22.58	22.83	22.79	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1	
22.62	22.91	22.74	23.5			1	26	
22.73	22.91	22.62	23.5			1	50	
22.17	22.31	22.29	23			25	0	
22.64	22.71	22.57	23.5			25	14	
22.34	22.31	22.31	23			25	27	
22.17	22.28	22.28	23			50	0	
22.75	22.88	22.80	23.5	DFT-S QPSK		1	1	
22.83	22.89	22.81	23.5			1	26	
22.82	22.82	22.78	23.5			1	50	
21.08	21.26	21.26	22.5			25	0	
22.77	22.89	22.67	23.5			25	14	
21.77	21.76	21.63	22.5			25	27	
21.64	21.81	21.78	22.5			50	0	
21.76	21.81	21.50	22.5	DFT-S 16QAM	1	1		
20.30	20.34	20.08	21	DFT-S 64QAM	1	1		
18.24	18.30	18.03	19	DFT-S 256QAM	1	1		
21.17	21.29	21.00	22	CP QPSK	1	1		



NR Band n66 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
22.55	22.80	22.72	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.61	22.84	22.66	23.5			1	13	
22.64	22.81	22.55	23.5			1	23	
22.15	22.25	22.29	23			12	0	
22.64	22.68	22.53	23.5			12	7	
22.24	22.29	22.29	23			12	13	
22.09	22.28	22.27	23			25	0	
22.74	22.78	22.80	23.5	DFT-S QPSK		1	1	
22.74	22.80	22.76	23.5			1	13	
22.74	22.75	22.71	23.5			1	23	
21.08	21.21	21.17	22.5			12	0	
22.67	22.88	22.58	23.5			12	7	
21.69	21.76	21.62	22.5			12	13	
21.64	21.76	21.69	22.5			25	0	
21.67	21.74	21.42	22.5	DFT-S 16QAM	1	1		
20.24	20.27	19.99	21	DFT-S 64QAM	1	1		
18.19	18.24	17.99	19	DFT-S 256QAM	1	1		
21.08	21.20	20.94	22	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134600	136100	137600	Channel					
673	680.5	688	Frequency (MHz)					
23.06	22.96	23.08	24	DFT-S $\pi/2$ BPSK	20 MHz	1	1	
23.10	23.10	23.06	24			1	53	
22.84	22.87	22.77	24			1	104	
22.94	22.98	22.93	23.5			50	0	
23.05	23.11	23.02	24			50	28	
22.92	23.00	22.92	23.5			50	56	
22.92	22.97	22.85	23.5			100	0	
23.19	23.21	23.14	24	DFT-S QPSK		1	1	
23.11	23.16	23.12	24			1	53	
22.83	22.91	22.77	24			1	104	
22.33	22.43	22.43	23			50	0	
23.12	23.17	23.11	24			50	28	
22.45	22.47	22.39	23			50	56	
22.35	22.45	22.31	23			100	0	
22.46	22.48	22.44	23	DFT-S 16QAM	1	1		
20.98	20.98	20.96	21.5	DFT-S 64QAM	1	1		
18.97	18.97	18.88	19.5	DFT-S 256QAM	1	1		
21.81	21.87	21.82	22.5	CP QPSK	1	1		

NR Band n71 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
134100	136100	138100	Channel				
670.5	680.5	690.5	Frequency (MHz)				
23.03	22.89	23.03	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1
22.91	23.04	23.08	24			1	40
22.82	22.84	22.77	24			1	77
22.92	22.91	22.80	23.5			36	0
23.02	23.06	22.95	24			36	22
22.89	22.96	22.84	23.5			36	43
22.94	22.87	22.82	23.5			75	0
23.12	23.17	23.04	24	1		1	
22.97	23.11	23.03	24	1		40	
22.85	22.84	22.82	24	1		77	
22.23	22.35	22.35	23	36		0	
23.03	23.09	23.13	24	36		22	
22.39	22.41	22.26	23	36		43	
22.31	22.43	22.34	23	75		0	
22.31	22.38	22.24	23	DFT-S 16QAM	1	1	
20.91	20.89	20.96	21.5	DFT-S 64QAM	1	1	
18.92	18.96	18.89	19.5	DFT-S 256QAM	1	1	
21.79	21.84	21.77	22.5	CP QPSK	1	1	

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133600	136100	138600	Channel					
668	680.5	693	Frequency (MHz)					
22.94	22.83	22.96	24	DFT-S $\pi/2$ BPSK	10 MHz	1	1	
22.91	23.03	22.77	24			1	26	
22.58	22.69	22.65	24			1	50	
22.85	22.91	22.81	23.5			25	0	
22.93	22.93	22.96	24			25	14	
22.85	22.88	22.90	23.5			25	27	
22.84	22.89	22.70	23.5			50	0	
23.12	23.06	23.17	24	DFT-S QPSK		1	1	
23.02	23.08	22.94	24			1	26	
22.78	22.81	22.69	24			1	50	
22.28	22.35	22.32	23			25	0	
22.99	23.06	22.98	24			25	14	
22.41	22.29	22.34	23			25	27	
22.32	22.34	22.27	23			50	0	
22.32	22.46	22.42	23	DFT-S 16QAM	1	1		
20.84	20.85	20.89	21.5	DFT-S 64QAM	1	1		
18.75	18.97	18.81	19.5	DFT-S 256QAM	1	1		
21.70	21.81	21.61	22.5	CP QPSK	1	1		

NR Band n71 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133100	136100	139100	Channel					
665.5	680.5	695.5	Frequency (MHz)					
22.90	22.80	22.88	24	DFT-S $\pi/2$ BPSK	5 MHz	1	1	
22.95	22.86	22.87	24			1	13	
22.66	22.66	22.65	24			1	23	
22.73	22.88	22.86	23.5			12	0	
22.94	22.92	22.90	24			12	7	
22.80	22.77	22.72	23.5			12	13	
22.84	22.86	22.78	23.5			25	0	
23.00	23.03	22.88	24	DFT-S QPSK		1	1	
22.93	22.99	22.83	24			1	13	
22.79	22.76	22.63	24			1	23	
22.15	22.21	22.26	23			12	0	
22.97	22.97	22.99	24			12	7	
22.16	22.26	22.20	23			12	13	
22.22	22.35	22.26	23			25	0	
22.35	22.36	22.15	23	DFT-S 16QAM	1	1		
20.76	20.90	20.70	21.5	DFT-S 64QAM	1	1		
18.64	18.87	18.89	19.5	DFT-S 256QAM	1	1		
21.73	21.61	21.58	22.5	CP QPSK	1	1		

NR Band n2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
23.06	23.10	23.04	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
22.95	23.07	22.99	24			1	53
22.96	23.05	23.01	24			1	104
22.79	22.78	22.79	23.5			50	0
23.12	23.02	23.01	24			50	28
22.53	22.63	22.50	23.5			50	56
22.68	22.42	22.41	23.5			100	0
23.22	23.29	23.06	24	DFT-S QPSK		1	1
23.14	22.98	22.91	24			1	53
22.92	23.18	22.99	24			1	104
21.99	22.11	21.94	23			50	0
23.16	23.20	23.11	24			50	28
22.28	22.00	22.09	23			50	56
22.19	22.30	22.19	23			100	0
22.05	22.26	22.23	23	DFT-S 16QAM	1	1	
20.80	20.77	20.56	21.5	DFT-S 64QAM	1	1	
18.44	18.67	18.66	19.5	DFT-S 256QAM	1	1	
21.72	21.40	21.46	22.5	CP QPSK	1	1	

NR Band n2 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376000	380500	Channel					
1857.5	1880	1902.5	Frequency (MHz)					
23.04	22.93	23.09	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.06	22.96	22.98	24			1	40	
23.00	22.92	22.95	24			1	77	
22.59	22.61	22.45	23.5			36	0	
23.09	23.07	23.15	24			36	22	
22.77	22.50	22.68	23.5			36	43	
22.62	22.80	22.80	23.5			75	0	
23.24	23.13	23.01	24	DFT-S QPSK		1	1	
22.98	23.09	22.90	24			1	40	
23.07	23.09	23.18	24			1	77	
21.99	22.28	22.09	23			36	0	
23.13	23.17	23.01	24			36	22	
22.07	22.06	22.06	23			36	43	
22.05	22.04	22.10	23			75	0	
22.26	21.94	21.93	23	DFT-S 16QAM	1	1		
20.74	20.46	20.51	21.5	DFT-S 64QAM	1	1		
18.63	18.49	18.51	19.5	DFT-S 256QAM	1	1		
21.52	21.71	21.68	22.5	CP QPSK	1	1		

NR Band n2 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
22.99	22.91	22.93	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.96	22.95	23.05	24			1	26
22.94	23.05	22.95	24			1	50
22.73	22.71	22.56	23.5			25	0
23.10	22.92	23.06	24			25	14
22.43	22.54	22.41	23.5			25	27
22.70	22.64	22.55	23.5			50	0
23.05	23.18	22.96	24	DFT-S QPSK		1	1
22.92	23.18	22.91	24			1	26
22.93	23.20	23.02	24			1	50
21.99	22.29	21.90	23			25	0
22.91	23.11	23.11	24			25	14
21.92	22.21	22.23	23			25	27
22.22	22.04	21.94	23			50	0
22.23	22.14	22.09	23	DFT-S 16QAM	1	1	
20.42	20.74	20.65	21.5	DFT-S 64QAM	1	1	
18.55	18.75	18.48	19.5	DFT-S 256QAM	1	1	
21.58	21.55	21.74	22.5	CP QPSK	1	1	



NR Band n2 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
22.90	23.09	23.00	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.91	23.05	23.10	24			1	13	
22.92	22.99	22.93	24			1	23	
22.56	22.68	22.68	23.5			12	0	
23.05	22.94	23.04	24			12	7	
22.65	22.60	22.78	23.5			12	13	
22.43	22.67	22.55	23.5			25	0	
23.21	23.14	23.08	24	DFT-S QPSK		1	1	
22.93	22.94	23.09	24			1	13	
23.10	23.14	23.00	24			1	23	
22.18	22.03	21.97	23			12	0	
23.02	22.91	23.11	24			12	7	
22.29	21.97	22.24	23			12	13	
22.07	21.91	21.91	23			25	0	
22.08	22.30	22.25	23	DFT-S 16QAM	1	1		
20.80	20.59	20.47	21.5	DFT-S 64QAM	1	1		
18.65	18.77	18.55	19.5	DFT-S 256QAM	1	1		
21.64	21.72	21.60	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166800	167300	167800	Channel					
834	836.5	839	Frequency (MHz)					
23.70	23.78	23.80	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.74	23.70	23.74	24			1	53	
23.75	23.70	23.70	24			1	104	
23.35	23.25	23.28	23.5			50	0	
23.73	23.73	23.73	24			50	28	
23.35	23.24	23.22	23.5			50	56	
23.20	23.30	23.23	23.5			100	0	
23.80	23.84	23.83	24	DFT-S QPSK		1	1	
23.73	23.60	23.75	24			1	53	
23.77	23.72	23.71	24			1	104	
22.60	22.74	22.68	23			50	0	
23.67	23.68	23.65	24			50	28	
22.62	22.62	22.77	23			50	56	
22.61	22.79	22.67	23			100	0	
22.64	22.61	22.68	23	DFT-S 16QAM	1	1		
21.30	21.26	21.15	21.5	DFT-S 64QAM	1	1		
19.25	19.17	19.11	19.5	DFT-S 256QAM	1	1		
22.11	22.17	22.17	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
166300	167300	168300	Channel					
831.5	836.5	841.5	Frequency (MHz)					
23.70	23.72	23.78	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.75	23.72	23.79	24			1	40	
23.77	23.75	23.74	24			1	77	
23.24	23.40	23.28	23.5			36	0	
23.77	23.74	23.72	24			36	22	
23.40	23.37	23.30	23.5			36	43	
23.29	23.26	23.29	23.5			75	0	
23.82	23.82	23.82	24	DFT-S QPSK		1	1	
23.61	23.74	23.79	24			1	40	
23.75	23.77	23.79	24			1	77	
22.76	22.64	22.61	23			36	0	
23.76	23.65	23.60	24			36	22	
22.66	22.72	22.79	23			36	43	
22.74	22.72	22.77	23			75	0	
22.74	22.62	22.62	23	DFT-S 16QAM	1	1		
21.22	21.24	21.29	21.5	DFT-S 64QAM	1	1		
19.12	19.20	19.11	19.5	DFT-S 256QAM	1	1		
22.18	22.28	22.29	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165800	167300	168800	Channel					
829	836.5	844	Frequency (MHz)					
23.71	23.79	23.74	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.71	23.70	23.78	24			1	26	
23.72	23.79	23.76	24			1	50	
23.40	23.29	23.31	23.5			25	0	
23.76	23.77	23.76	24			25	14	
23.37	23.30	23.26	23.5			25	27	
23.27	23.25	23.20	23.5			50	0	
23.84	23.81	23.80	24	DFT-S QPSK		1	1	
23.67	23.76	23.79	24			1	26	
23.68	23.68	23.61	24			1	50	
22.69	22.74	22.80	23			25	0	
23.74	23.71	23.72	24			25	14	
22.79	22.61	22.80	23			25	27	
22.60	22.68	22.61	23			50	0	
22.70	22.69	22.78	23	DFT-S 16QAM	1	1		
21.23	21.14	21.30	21.5	DFT-S 64QAM	1	1		
19.20	19.30	19.13	19.5	DFT-S 256QAM	1	1		
22.27	22.29	22.24	22.5	CP QPSK	1	1		

NR Band n5 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
165300	167300	169300	Channel					
826.5	836.5	846.5	Frequency (MHz)					
23.73	23.80	23.75	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.77	23.72	23.73	24			1	13	
23.76	23.73	23.80	24			1	23	
23.34	23.23	23.28	23.5			12	0	
23.73	23.75	23.76	24			12	7	
23.39	23.32	23.22	23.5			12	13	
23.40	23.28	23.36	23.5			25	0	
23.82	23.82	23.80	24	DFT-S QPSK		1	1	
23.63	23.66	23.70	24			1	13	
23.70	23.63	23.79	24			1	23	
22.69	22.63	22.78	23			12	0	
23.77	23.60	23.66	24			12	7	
22.60	22.70	22.74	23			12	13	
22.71	22.68	22.78	23			25	0	
22.60	22.64	22.70	23	DFT-S 16QAM	1	1		
21.10	21.27	21.21	21.5	DFT-S 64QAM	1	1		
19.14	19.20	19.13	19.5	DFT-S 256QAM	1	1		
22.15	22.12	22.20	22.5	CP QPSK	1	1		

NR Band n7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502000	507000	512000	Channel				
2510	2535	2560	Frequency (MHz)				
23.08	23.11	23.03	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.08	23.15	23.05	24			1	53
23.01	23.05	23.16	24			1	104
22.61	22.67	22.50	23.5			50	0
23.16	23.00	23.09	24			50	28
22.52	22.60	22.68	23.5			50	56
22.70	22.51	22.63	23.5			100	0
23.37	23.46	23.24	24	DFT-S QPSK		1	1
23.18	23.03	23.11	24			1	53
23.08	23.03	23.10	24			1	104
22.07	22.01	22.11	23			50	0
23.14	23.14	23.08	24			50	28
22.02	22.03	22.16	23			50	56
22.07	22.02	22.17	23			100	0
22.13	22.03	22.07	23	DFT-S 16QAM	1	1	
20.62	20.58	20.64	21.5	DFT-S 64QAM	1	1	
18.51	18.53	18.54	19.5	DFT-S 256QAM	1	1	
21.52	21.63	21.56	22.5	CP QPSK	1	1	

NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
23.01	23.09	23.17	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.05	23.14	23.11	24			1	40	
23.17	23.02	23.14	24			1	77	
22.67	22.66	22.67	23.5			36	0	
23.11	23.14	23.02	24			36	22	
22.64	22.68	22.62	23.5			36	43	
22.56	22.66	22.55	23.5			75	0	
23.26	23.23	23.24	24	1		1		
23.04	23.20	23.02	24	1		40		
23.10	23.10	23.19	24	1		77		
22.16	22.01	22.05	23	36		0		
23.01	23.18	23.14	24	36		22		
22.17	22.17	22.03	23	36		43		
22.20	22.05	22.07	23	75		0		
22.03	22.14	22.16	23	DFT-S 16QAM	1	1		
20.62	20.62	20.52	21.5	DFT-S 64QAM	1	1		
18.65	18.52	18.62	19.5	DFT-S 256QAM	1	1		
21.65	21.63	21.69	22.5	CP QPSK	1	1		

NR Band n7 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
23.20	23.00	23.09	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.18	23.07	23.19	24			1	26
23.04	23.15	23.13	24			1	50
22.65	22.70	22.50	23.5			25	0
23.07	23.12	23.09	24			25	14
22.58	22.64	22.51	23.5			25	27
22.65	22.57	22.65	23.5			50	0
23.26	23.28	23.34	24	DFT-S QPSK		1	1
23.07	23.10	23.19	24			1	26
23.10	23.12	23.08	24			1	50
22.19	22.01	22.01	23			25	0
23.08	23.16	23.16	24			25	14
22.15	22.11	22.06	23			25	27
22.13	22.16	22.10	23			50	0
22.09	22.03	22.09	23	DFT-S 16QAM	1	1	
20.69	20.52	20.56	21.5	DFT-S 64QAM	1	1	
18.60	18.59	18.50	19.5	DFT-S 256QAM	1	1	
21.51	21.60	21.50	22.5	CP QPSK	1	1	



NR Band n7 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
23.00	23.14	23.02	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.08	23.05	23.02	24			1	13	
23.13	23.02	23.16	24			1	23	
22.59	22.70	22.69	23.5			12	0	
23.01	23.01	23.16	24			12	7	
22.57	22.65	22.50	23.5			12	13	
22.67	22.63	22.60	23.5			25	0	
23.32	23.23	23.29	24	DFT-S QPSK		1	1	
23.13	23.09	23.19	24			1	13	
23.11	23.18	23.19	24			1	23	
22.09	22.00	22.13	23			12	0	
23.05	23.11	23.14	24			12	7	
22.03	22.08	22.00	23			12	13	
22.15	22.03	22.14	23			25	0	
22.10	22.18	22.19	23	DFT-S 16QAM	1	1		
20.68	20.59	20.67	21.5	DFT-S 64QAM	1	1		
18.68	18.68	18.63	19.5	DFT-S 256QAM	1	1		
21.52	21.52	21.51	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
141300	141500	141700	Channel					
706.5	707.5	708.5	Frequency (MHz)					
23.09	23.16	23.14	24	DFT-S $\pi/2$ BPSK	15 MHz	1	1	
22.95	22.93	23.05	24			1	40	
22.99	23.01	23.18	24			1	77	
22.45	22.54	22.59	23.5			36	0	
23.14	23.08	22.95	24			36	22	
22.41	22.46	22.67	23.5			36	43	
22.42	22.74	22.79	23.5			75	0	
22.94	23.28	23.10	24	DFT-S QPSK		1	1	
23.02	23.19	23.17	24			1	40	
23.02	23.05	23.06	24			1	77	
22.02	22.26	21.93	23			36	0	
22.89	22.96	22.93	24			36	22	
22.16	21.93	21.98	23			36	43	
22.23	22.19	22.11	23			75	0	
22.15	22.25	22.20	23	DFT-S 16QAM	1	1		
20.70	20.43	20.40	21.5	DFT-S 64QAM	1	1		
18.50	18.42	18.64	19.5	DFT-S 256QAM	1	1		
21.74	21.49	21.49	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140800	141500	142200	Channel					
704	707.5	711	Frequency (MHz)					
23.18	23.00	23.07	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
22.98	23.04	23.02	24			1	26	
23.10	23.18	23.17	24			1	50	
22.75	22.53	22.40	23.5			25	0	
22.96	23.08	23.07	24			25	14	
22.41	22.40	22.69	23.5			25	27	
22.41	22.46	22.57	23.5			50	0	
22.98	23.04	23.13	24	1		1		
23.20	23.19	22.90	24	DFT-S QPSK		1	26	
22.99	23.01	23.04	24			1	50	
21.95	22.00	22.26	23			25	0	
23.03	23.04	23.18	24			25	14	
22.26	22.17	22.00	23			25	27	
22.26	21.99	22.06	23			50	0	
22.15	22.05	22.01	23		1	1		
20.43	20.56	20.62	21.5	DFT-S 64QAM	1	1		
18.70	18.44	18.60	19.5	DFT-S 256QAM	1	1		
21.57	21.48	21.72	22.5	CP QPSK	1	1		

NR Band n13 Ant 1							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
	156400		Channel				
	782		Frequency (MHz)				
23.05		24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.07		24			1	26	
23.09		24			1	50	
22.44		23.5			25	0	
23.10		24			25	14	
22.55		23.5			25	27	
22.77		23.5			50	0	
23.23		24	DFT-S QPSK		1	1	
23.09		24			1	26	
22.98		24			1	50	
22.07		23			25	0	
23.05		24			25	14	
21.92		23			25	27	
21.95		23			50	0	
22.03		23	DFT-S 16QAM	1	1		
20.80		21.5	DFT-S 64QAM	1	1		
18.40		19.5	DFT-S 256QAM	1	1		
21.41		22.5	CP QPSK	1	1		

NR Band n13 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
155900	156400	156900	Channel					
779.5	782	784.5	Frequency (MHz)					
23.06	23.00	22.98	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.90	23.09	23.05	24			1	13	
22.90	22.97	22.92	24			1	23	
22.67	22.46	22.49	23.5			12	0	
23.20	23.14	23.10	24			12	7	
22.44	22.74	22.61	23.5			12	13	
22.69	22.54	22.72	23.5			25	0	
23.05	23.11	23.01	24	DFT-S QPSK		1	1	
23.16	22.95	23.05	24			1	13	
23.06	23.09	23.09	24			1	23	
22.26	21.93	22.17	23			12	0	
23.09	23.14	23.03	24			12	7	
22.22	21.97	22.00	23			12	13	
22.25	21.96	22.02	23			25	0	
22.09	22.19	22.30	23	DFT-S 16QAM	1	1		
20.53	20.48	20.79	21.5	DFT-S 64QAM	1	1		
18.60	18.80	18.54	19.5	DFT-S 256QAM	1	1		
21.74	21.46	21.55	22.5	CP QPSK	1	1		

NR Band n12 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
140300	141500	142700	Channel					
701.5	707.5	713.5	Frequency (MHz)					
23.14	23.04	23.01	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.91	22.96	22.99	24			1	13	
23.18	22.94	23.10	24			1	23	
22.44	22.73	22.63	23.5			12	0	
23.02	23.12	23.06	24			12	7	
22.56	22.68	22.46	23.5			12	13	
22.66	22.80	22.45	23.5			25	0	
22.98	23.18	22.92	24	1		1		
23.08	23.16	23.15	24	DFT-S QPSK		1	13	
23.09	23.13	22.92	24			1	23	
22.15	22.09	22.04	23			12	0	
23.17	23.16	23.14	24			12	7	
22.21	22.11	21.94	23			12	13	
22.28	22.07	22.16	23			25	0	
22.14	22.01	22.17	23		1	1		
20.76	20.63	20.60	21.5	DFT-S 64QAM	1	1		
18.56	18.80	18.52	19.5	DFT-S 256QAM	1	1		
21.47	21.60	21.44	22.5	CP QPSK	1	1		

NR Band n14 Ant 1						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
158600	Channel					
793	Frequency (MHz)					
	23.69	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
	23.61	24			1	26
	23.68	24			1	50
	23.13	23.5			25	0
	23.66	24			25	14
	23.13	23.5			25	27
	23.11	23.5			50	0
	23.89	24	DFT-S QPSK		1	1
	23.69	24			1	26
	23.70	24			1	50
	22.64	23			25	0
	23.81	24			25	14
	22.68	23			25	27
	22.90	23			50	0
	22.64	23	DFT-S 16QAM	1	1	
	21.10	21.5	DFT-S 64QAM	1	1	
	19.10	19.5	DFT-S 256QAM	1	1	
	22.20	22.5	CP QPSK	1	1	

NR Band n14 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
158100	158600	159100	Channel					
790.5	793	795.5	Frequency (MHz)					
23.67	23.63	23.70	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.69	23.60	23.70	24			1	13	
23.67	23.70	23.63	24			1	23	
23.14	23.20	23.19	23.5			12	0	
23.64	23.67	23.62	24			12	7	
23.18	23.19	23.15	23.5			12	13	
23.10	23.12	23.10	23.5			25	0	
23.86	23.86	23.88	24	DFT-S QPSK		1	1	
23.69	23.62	23.68	24			1	13	
23.68	23.63	23.67	24			1	23	
22.62	22.63	22.68	23			12	0	
23.87	23.86	23.85	24			12	7	
22.63	22.60	22.62	23			12	13	
22.86	22.90	22.88	23			25	0	
22.63	22.69	22.65	23	DFT-S 16QAM	1	1		
21.19	21.19	21.15	21.5	DFT-S 64QAM	1	1		
19.13	19.12	19.11	19.5	DFT-S 256QAM	1	1		
22.18	22.10	22.10	22.5	CP QPSK	1	1		



NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
22.45	22.20	22.26	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
22.69	22.37	22.68	24			1	53	
22.48	22.62	22.57	24			1	104	
21.81	22.17	22.19	23.5			50	0	
22.63	22.67	22.37	24			50	28	
22.04	22.40	21.86	23.5			50	56	
21.87	22.16	22.35	23.5			100	0	
22.74	22.87	22.76	24	DFT-S QPSK		1	1	
22.33	22.46	22.65	24			1	53	
22.68	22.71	22.68	24			1	104	
21.90	21.58	21.46	23			50	0	
22.49	22.78	22.71	24			50	28	
21.32	21.40	21.29	23			50	56	
21.61	21.83	21.36	23			100	0	
21.39	21.73	21.56	23	DFT-S 16QAM	1	1		
20.37	20.27	20.30	21.5	DFT-S 64QAM	1	1		
17.73	18.28	18.18	19.5	DFT-S 256QAM	1	1		
20.79	20.78	21.05	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
22.26	22.27	22.43	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
22.59	22.29	22.56	24			1	40	
22.78	22.83	22.66	24			1	77	
22.05	21.98	21.90	23.5			36	0	
22.64	22.84	22.72	24			36	22	
22.03	21.99	21.89	23.5			36	43	
21.90	21.82	21.85	23.5			75	0	
22.48	22.60	22.58	24	1		1		
22.39	22.41	22.25	24	1		40		
22.84	22.35	22.37	24	1		77		
21.27	21.63	21.90	23	36		0		
22.43	22.32	22.23	24	36		22		
21.76	21.90	21.84	23	36		43		
21.70	21.77	21.74	23	75		0		
21.29	21.32	21.46	23	DFT-S 16QAM	1	1		
20.32	20.25	19.72	21.5	DFT-S 64QAM	1	1		
17.99	18.18	18.33	19.5	DFT-S 256QAM	1	1		
20.73	21.24	20.93	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376500	382000	Channel					
1855	1882.5	1910	Frequency (MHz)					
22.47	22.37	22.52	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
22.44	22.66	22.68	24			1	26	
22.67	22.36	22.64	24			1	50	
22.29	21.98	22.18	23.5			25	0	
22.39	22.45	22.66	24			25	14	
22.35	22.15	22.15	23.5			25	27	
22.10	21.75	22.26	23.5			50	0	
22.35	22.48	22.78	24	DFT-S QPSK		1	1	
22.68	22.83	22.29	24			1	26	
22.21	22.56	22.39	24			1	50	
21.90	21.56	21.73	23			25	0	
22.63	22.60	22.38	24			25	14	
21.79	21.32	21.62	23			25	27	
21.45	21.23	21.35	23			50	0	
21.30	21.32	21.64	23	DFT-S 16QAM	1	1		
19.87	20.12	19.90	21.5	DFT-S 64QAM	1	1		
18.40	18.17	17.71	19.5	DFT-S 256QAM	1	1		
21.10	21.28	20.90	22.5	CP QPSK	1	1		

NR Band n25 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
22.44	22.55	22.69	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.60	22.79	22.62	24			1	13	
22.54	22.42	22.64	24			1	23	
21.85	21.93	22.11	23.5			12	0	
22.53	22.42	22.38	24			12	7	
21.83	22.13	21.90	23.5			12	13	
22.11	21.84	21.90	23.5			25	0	
22.56	22.25	22.42	24	DFT-S QPSK		1	1	
22.66	22.45	22.30	24			1	13	
22.86	22.65	22.83	24			1	23	
21.51	21.22	21.26	23			12	0	
22.57	22.83	22.51	24			12	7	
21.83	21.66	21.77	23			12	13	
21.59	21.31	21.41	23			25	0	
21.20	21.51	21.28	23	DFT-S 16QAM	1	1		
19.90	19.91	20.19	21.5	DFT-S 64QAM	1	1		
18.07	18.27	17.82	19.5	DFT-S 256QAM	1	1		
21.25	21.23	20.87	22.5	CP QPSK	1	1		

NR Band n30 Ant 1						
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
462000	Channel					
2310	Frequency (MHz)					
	23.34	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
	23.31	23.5			1	26
	23.38	23.5			1	50
	22.91	23			25	0
	23.46	23.5			25	14
	22.94	23			25	27
	22.82	23			50	0
	23.49	23.5	DFT-S QPSK		1	1
	23.34	23.5			1	26
	23.47	23.5			1	50
	22.40	22.5			25	0
	23.46	23.5			25	14
	22.33	22.5			25	27
	22.32	22.5			50	0
	22.45	22.5	DFT-S 16QAM	1	1	
	20.90	21	DFT-S 64QAM	1	1	
	18.88	19	DFT-S 256QAM	1	1	
	21.97	22	CP QPSK	1	1	

NR Band n30 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
23.15	23.17	23.17	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.16	23.15	23.10	23.5			1	13	
23.17	23.13	23.15	23.5			1	23	
22.67	22.63	22.67	23			12	0	
23.15	23.16	23.13	23.5			12	7	
22.68	22.63	22.62	23			12	13	
22.69	22.70	22.66	23			25	0	
23.37	23.40	23.36	23.5	DFT-S QPSK		1	1	
23.12	23.13	23.19	23.5			1	13	
23.19	23.19	23.11	23.5			1	23	
22.10	22.10	22.16	22.5			12	0	
23.38	23.35	23.37	23.5			12	7	
22.18	22.20	22.16	22.5			12	13	
22.33	22.38	22.39	22.5			25	0	
22.17	22.20	22.13	22.5	DFT-S 16QAM	1	1		
20.70	20.62	20.62	21	DFT-S 64QAM	1	1		
18.64	18.65	18.61	19	DFT-S 256QAM	1	1		
21.66	21.65	21.67	22	CP QPSK	1	1		

NR Band n66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
344000	349000	354000	Channel				
1720	1745	1770	Frequency (MHz)				
23.10	23.15	23.20	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.18	23.12	23.11	23.5			1	53
23.15	23.20	23.11	23.5			1	104
22.60	22.66	22.62	23			50	0
23.16	23.12	23.14	23.5			50	28
22.66	22.67	22.69	23			50	56
22.65	22.60	22.69	23			100	0
23.44	23.45	23.43	23.5	DFT-S QPSK		1	1
23.18	23.13	23.17	23.5			1	53
23.16	23.16	23.19	23.5			1	104
22.17	22.12	22.17	22.5			50	0
23.37	23.37	23.35	23.5			50	28
22.12	22.16	22.13	22.5			50	56
22.31	22.36	22.30	22.5			100	0
22.14	22.19	22.10	22.5	DFT-S 16QAM	1	1	
20.70	20.69	20.68	21	DFT-S 64QAM	1	1	
18.66	18.61	18.63	19	DFT-S 256QAM	1	1	
21.60	21.69	21.65	22	CP QPSK	1	1	

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
23.16	23.11	23.15	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.12	23.15	23.16	23.5			1	40	
23.17	23.20	23.16	23.5			1	77	
22.61	22.63	22.66	23			36	0	
23.16	23.15	23.14	23.5			36	22	
22.67	22.66	22.68	23			36	43	
22.66	22.68	22.70	23			75	0	
23.37	23.35	23.37	23.5	DFT-S QPSK		1	1	
23.16	23.20	23.11	23.5			1	40	
23.10	23.15	23.12	23.5			1	77	
22.18	22.15	22.18	22.5			36	0	
23.36	23.35	23.40	23.5			36	22	
22.19	22.10	22.14	22.5			36	43	
22.35	22.30	22.40	22.5			75	0	
22.17	22.15	22.11	22.5	DFT-S 16QAM	1	1		
20.60	20.64	20.64	21	DFT-S 64QAM	1	1		
18.61	18.66	18.60	19	DFT-S 256QAM	1	1		
21.68	21.63	21.69	22	CP QPSK	1	1		



NR Band n66 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
343000	349000	355000	Channel				
1715	1745	1775	Frequency (MHz)				
23.11	23.20	23.20	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.19	23.16	23.19	23.5			1	26
23.13	23.16	23.17	23.5			1	50
22.62	22.64	22.60	23			25	0
23.11	23.19	23.10	23.5			25	14
22.61	22.63	22.66	23			25	27
22.65	22.65	22.68	23			50	0
23.35	23.35	23.37	23.5	DFT-S QPSK		1	1
23.17	23.17	23.12	23.5			1	26
23.14	23.11	23.17	23.5			1	50
22.16	22.15	22.12	22.5			25	0
23.35	23.35	23.40	23.5			25	14
22.17	22.10	22.14	22.5			25	27
22.35	22.39	22.36	22.5			50	0
22.19	22.20	22.10	22.5	DFT-S 16QAM	1	1	
20.62	20.68	20.62	21	DFT-S 64QAM	1	1	
18.64	18.61	18.67	19	DFT-S 256QAM	1	1	
21.70	21.67	21.66	22	CP QPSK	1	1	

NR Band n66 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
23.14	23.16	23.10	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.10	23.15	23.19	23.5			1	13	
23.14	23.20	23.16	23.5			1	23	
22.67	22.63	22.60	23			12	0	
23.13	23.12	23.11	23.5			12	7	
22.68	22.69	22.64	23			12	13	
22.60	22.70	22.68	23			25	0	
23.40	23.38	23.35	23.5	DFT-S QPSK		1	1	
23.13	23.11	23.12	23.5			1	13	
23.17	23.13	23.14	23.5			1	23	
22.12	22.11	22.20	22.5			12	0	
23.37	23.36	23.35	23.5			12	7	
22.14	22.18	22.11	22.5			12	13	
22.33	22.36	22.36	22.5			25	0	
22.19	22.19	22.19	22.5	DFT-S 16QAM	1	1		
20.64	20.70	20.60	21	DFT-S 64QAM	1	1		
18.62	18.62	18.63	19	DFT-S 256QAM	1	1		
21.64	21.70	21.65	22	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134600	136100	137600	Channel					
673	680.5	688	Frequency (MHz)					
23.38	23.41	23.39	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.46	23.49	23.50	24			1	53	
23.45	23.39	23.35	24			1	104	
23.19	23.02	23.17	23.5			50	0	
23.28	23.29	23.21	24			50	28	
23.10	23.13	23.06	23.5			50	56	
23.06	23.07	23.17	23.5			100	0	
23.58	23.66	23.54	24	DFT-S QPSK		1	1	
23.42	23.48	23.25	24			1	53	
23.24	23.43	23.35	24			1	104	
22.58	22.65	22.50	23			50	0	
23.20	23.39	23.29	24			50	28	
22.59	22.66	22.53	23			50	56	
22.51	22.60	22.59	23			100	0	
22.53	22.54	22.69	23	DFT-S 16QAM	1	1		
21.19	21.12	21.17	21.5	DFT-S 64QAM	1	1		
19.08	19.13	19.12	19.5	DFT-S 256QAM	1	1		
22.00	22.10	22.03	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
134100	136100	138100	Channel					
670.5	680.5	690.5	Frequency (MHz)					
23.38	23.47	23.48	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.26	23.47	23.46	24			1	40	
23.32	23.47	23.39	24			1	77	
23.07	23.02	23.04	23.5			36	0	
23.42	23.30	23.24	24			36	22	
23.19	23.00	23.19	23.5			36	43	
23.13	23.03	23.02	23.5			75	0	
23.56	23.61	23.63	24	DFT-S QPSK		1	1	
23.48	23.21	23.49	24			1	40	
23.20	23.32	23.32	24			1	77	
22.69	22.59	22.58	23			36	0	
23.33	23.25	23.32	24			36	22	
22.60	22.68	22.56	23			36	43	
22.62	22.67	22.50	23			75	0	
22.65	22.63	22.54	23	DFT-S 16QAM	1	1		
21.01	21.04	21.08	21.5	DFT-S 64QAM	1	1		
19.12	19.13	19.03	19.5	DFT-S 256QAM	1	1		
22.02	22.12	22.14	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133600	136100	138600	Channel					
668	680.5	693	Frequency (MHz)					
23.28	23.28	23.31	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.42	23.49	23.44	24			1	26	
23.32	23.20	23.43	24			1	50	
23.00	23.18	23.16	23.5			25	0	
23.28	23.30	23.24	24			25	14	
23.06	23.06	23.03	23.5			25	27	
23.09	23.16	23.04	23.5			50	0	
23.53	23.60	23.63	24	DFT-S QPSK		1	1	
23.40	23.22	23.47	24			1	26	
23.42	23.46	23.50	24			1	50	
22.63	22.68	22.53	23			25	0	
23.50	23.41	23.44	24			25	14	
22.70	22.54	22.61	23			25	27	
22.66	22.55	22.58	23			50	0	
22.62	22.52	22.61	23	DFT-S 16QAM	1	1		
21.10	21.02	21.01	21.5	DFT-S 64QAM	1	1		
19.06	19.11	19.02	19.5	DFT-S 256QAM	1	1		
22.01	22.18	22.14	22.5	CP QPSK	1	1		

NR Band n71 Ant 1								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
133100	136100	139100	Channel					
665.5	680.5	695.5	Frequency (MHz)					
23.36	23.24	23.40	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.32	23.24	23.44	24			1	13	
23.47	23.40	23.40	24			1	23	
23.01	23.01	23.17	23.5			12	0	
23.43	23.36	23.21	24			12	7	
23.00	23.09	23.09	23.5			12	13	
23.01	23.04	23.01	23.5			25	0	
23.64	23.52	23.61	24	DFT-S QPSK		1	1	
23.23	23.45	23.26	24			1	13	
23.26	23.27	23.30	24			1	23	
22.65	22.60	22.66	23			12	0	
23.38	23.36	23.37	24			12	7	
22.64	22.61	22.51	23			12	13	
22.52	22.70	22.58	23			25	0	
22.70	22.70	22.54	23	DFT-S 16QAM	1	1		
21.11	21.02	21.00	21.5	DFT-S 64QAM	1	1		
19.15	19.05	19.16	19.5	DFT-S 256QAM	1	1		
22.02	22.12	22.06	22.5	CP QPSK	1	1		

NR Band n2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
23.16	23.11	23.15	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.10	23.11	23.10	23.5			1	53
23.16	23.17	23.20	23.5			1	104
22.65	22.65	22.68	23			50	0
23.16	23.11	23.12	23.5			50	28
22.64	22.68	22.60	23			50	56
22.60	22.66	22.68	23			100	0
23.40	23.45	23.43	23.5	DFT-S QPSK		1	1
23.18	23.17	23.12	23.5			1	53
23.16	23.15	23.17	23.5			1	104
22.10	22.19	22.17	22.5			50	0
23.39	23.39	23.35	23.5			50	28
22.19	22.17	22.16	22.5			50	56
22.36	22.38	22.28	22.5			100	0
22.16	22.15	22.16	22.5	DFT-S 16QAM	1	1	
20.61	20.62	20.67	21	DFT-S 64QAM	1	1	
18.68	18.66	18.68	19	DFT-S 256QAM	1	1	
21.62	21.66	21.67	22	CP QPSK	1	1	

NR Band n2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371500	376000	380500	Channel				
1857.5	1880	1902.5	Frequency (MHz)				
23.20	23.19	23.11	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.19	23.12	23.20	23.5			1	40
23.10	23.15	23.13	23.5			1	77
22.65	22.63	22.63	23			36	0
23.10	23.20	23.13	23.5			36	22
22.62	22.61	22.60	23			36	43
22.67	22.69	22.68	23			75	0
23.36	23.37	23.37	23.5	DFT-S QPSK		1	1
23.13	23.12	23.10	23.5			1	40
23.17	23.18	23.15	23.5			1	77
22.11	22.14	22.17	22.5			36	0
23.35	23.35	23.37	23.5			36	22
22.12	22.17	22.20	22.5			36	43
22.34	22.33	22.36	22.5			75	0
22.19	22.17	22.10	22.5	DFT-S 16QAM	1	1	
20.61	20.63	20.67	21	DFT-S 64QAM	1	1	
18.67	18.62	18.65	19	DFT-S 256QAM	1	1	
21.69	21.70	21.62	22	CP QPSK	1	1	



NR Band n2 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
23.10	23.10	23.17	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.14	23.12	23.15	23.5			1	26
23.17	23.16	23.17	23.5			1	50
22.63	22.67	22.60	23			25	0
23.17	23.11	23.19	23.5			25	14
22.67	22.60	22.62	23			25	27
22.68	22.67	22.70	23			50	0
23.38	23.38	23.35	23.5	DFT-S QPSK		1	1
23.13	23.11	23.10	23.5			1	26
23.17	23.17	23.14	23.5			1	50
22.13	22.11	22.13	22.5			25	0
23.39	23.40	23.36	23.5			25	14
22.19	22.17	22.16	22.5			25	27
22.35	22.40	22.40	22.5			50	0
22.15	22.17	22.12	22.5	DFT-S 16QAM	1	1	
20.64	20.60	20.64	21	DFT-S 64QAM	1	1	
18.60	18.66	18.64	19	DFT-S 256QAM	1	1	
21.60	21.61	21.62	22	CP QPSK	1	1	

NR Band n2 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
23.12	23.19	23.18	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.18	23.17	23.20	23.5			1	13	
23.14	23.16	23.18	23.5			1	23	
22.62	22.69	22.61	23			12	0	
23.12	23.10	23.20	23.5			12	7	
22.60	22.61	22.67	23			12	13	
22.60	22.67	22.60	23			25	0	
23.37	23.35	23.39	23.5	DFT-S QPSK		1	1	
23.13	23.18	23.16	23.5			1	13	
23.20	23.17	23.17	23.5			1	23	
22.20	22.11	22.14	22.5			12	0	
23.40	23.40	23.36	23.5			12	7	
22.19	22.20	22.19	22.5			12	13	
22.34	22.36	22.35	22.5			25	0	
22.13	22.14	22.12	22.5	DFT-S 16QAM	1	1		
20.60	20.63	20.67	21	DFT-S 64QAM	1	1		
18.65	18.68	18.70	19	DFT-S 256QAM	1	1		
21.64	21.61	21.62	22	CP QPSK	1	1		

NR Band n7 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502000	507000	512000	Channel					
2510	2535	2560	Frequency (MHz)					
23.74	23.74	23.62	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.60	23.79	23.64	24			1	53	
23.53	23.80	23.51	24			1	104	
23.49	23.36	23.36	23.5			50	0	
23.78	23.56	23.59	24			50	28	
23.47	23.33	23.32	23.5			50	56	
23.37	23.34	23.33	23.5			100	0	
23.81	23.89	23.79	24	DFT-S QPSK		1	1	
23.74	23.58	23.69	24			1	53	
23.61	23.50	23.57	24			1	104	
22.81	22.93	22.94	23			50	0	
23.60	23.74	23.61	24			50	28	
22.84	22.93	22.91	23			50	56	
22.85	22.94	22.90	23			100	0	
22.83	22.93	22.94	23	DFT-S 16QAM	1	1		
21.40	21.31	21.39	21.5	DFT-S 64QAM	1	1		
19.48	19.46	19.35	19.5	DFT-S 256QAM	1	1		
22.47	22.34	22.36	22.5	CP QPSK	1	1		

NR Band n7 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
23.64	23.69	23.80	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.59	23.66	23.59	24			1	40	
23.72	23.60	23.62	24			1	77	
23.33	23.40	23.43	23.5			36	0	
23.55	23.57	23.68	24			36	22	
23.43	23.48	23.45	23.5			36	43	
23.41	23.41	23.48	23.5			75	0	
23.84	23.79	23.81	24	DFT-S QPSK		1	1	
23.57	23.61	23.71	24			1	40	
23.63	23.54	23.75	24			1	77	
22.80	22.94	22.83	23			36	0	
23.50	23.73	23.80	24			36	22	
22.96	22.97	22.93	23			36	43	
22.89	22.82	22.91	23			75	0	
22.96	22.96	22.94	23	DFT-S 16QAM	1	1		
21.47	21.47	21.34	21.5	DFT-S 64QAM	1	1		
19.44	19.49	19.32	19.5	DFT-S 256QAM	1	1		
22.35	22.31	22.32	22.5	CP QPSK	1	1		

NR Band n7 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
23.64	23.67	23.68	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.77	23.79	23.63	24			1	26
23.65	23.60	23.75	24			1	50
23.33	23.31	23.40	23.5			25	0
23.70	23.64	23.52	24			25	14
23.40	23.40	23.35	23.5			25	27
23.38	23.46	23.30	23.5			50	0
23.76	23.87	23.82	24	DFT-S QPSK		1	1
23.67	23.78	23.67	24			1	26
23.51	23.69	23.78	24			1	50
22.90	22.84	22.97	23			25	0
23.59	23.80	23.56	24			25	14
22.98	22.99	22.85	23			25	27
22.85	22.93	22.98	23			50	0
22.92	22.94	22.82	23	DFT-S 16QAM	1	1	
21.45	21.31	21.49	21.5	DFT-S 64QAM	1	1	
19.50	19.41	19.40	19.5	DFT-S 256QAM	1	1	
22.40	22.38	22.30	22.5	CP QPSK	1	1	

NR Band n7 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
23.77	23.67	23.69	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.67	23.72	23.52	24			1	13	
23.73	23.65	23.56	24			1	23	
23.47	23.38	23.43	23.5			12	0	
23.56	23.68	23.65	24			12	7	
23.45	23.36	23.34	23.5			12	13	
23.43	23.42	23.49	23.5			25	0	
23.73	23.80	23.80	24	DFT-S QPSK		1	1	
23.56	23.67	23.60	24			1	13	
23.66	23.56	23.69	24			1	23	
22.97	22.92	23.00	23			12	0	
23.56	23.56	23.71	24			12	7	
22.90	23.00	22.93	23			12	13	
22.85	22.84	22.94	23			25	0	
22.93	22.95	22.83	23	DFT-S 16QAM	1	1		
21.42	21.46	21.45	21.5	DFT-S 64QAM	1	1		
19.40	19.35	19.41	19.5	DFT-S 256QAM	1	1		
22.44	22.34	22.31	22.5	CP QPSK	1	1		

NR Band n25 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
23.14	23.10	23.14	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.17	23.19	23.19	23.5			1	53	
23.18	23.15	23.10	23.5			1	104	
22.70	22.62	22.68	23			50	0	
23.20	23.19	23.20	23.5			50	28	
22.60	22.69	22.68	23			50	56	
22.70	22.62	22.61	23			100	0	
23.38	23.45	23.41	23.5	DFT-S QPSK		1	1	
23.14	23.11	23.15	23.5			1	53	
23.13	23.14	23.09	23.5			1	104	
22.18	22.17	22.10	22.5			50	0	
23.30	23.41	23.38	23.5			50	28	
22.14	22.17	22.19	22.5			50	56	
22.38	22.40	22.36	22.5			100	0	
22.10	22.10	22.10	22.5	DFT-S 16QAM	1	1		
20.63	20.61	20.69	21	DFT-S 64QAM	1	1		
18.68	18.70	18.63	19	DFT-S 256QAM	1	1		
21.70	21.67	21.67	22	CP QPSK	1	1		

NR Band n25 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
23.15	23.14	23.14	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.17	23.20	23.17	23.5			1	40	
23.10	23.14	23.14	23.5			1	77	
22.70	22.70	22.69	23			36	0	
23.13	23.11	23.18	23.5			36	22	
22.64	22.70	22.63	23			36	43	
22.60	22.66	22.67	23			75	0	
23.39	23.38	23.40	23.5	DFT-S QPSK		1	1	
23.11	23.10	23.14	23.5			1	40	
23.12	23.14	23.18	23.5			1	77	
22.18	22.13	22.17	22.5			36	0	
23.38	23.38	23.40	23.5			36	22	
22.10	22.18	22.10	22.5			36	43	
22.31	22.35	22.34	22.5			75	0	
22.10	22.12	22.15	22.5	DFT-S 16QAM	1	1		
20.62	20.64	20.61	21	DFT-S 64QAM	1	1		
18.69	18.65	18.64	19	DFT-S 256QAM	1	1		
21.66	21.64	21.62	22	CP QPSK	1	1		



NR Band n25 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376500	382000	Channel				
1855	1882.5	1910	Frequency (MHz)				
23.20	23.17	23.19	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.14	23.15	23.16	23.5			1	26
23.15	23.12	23.17	23.5			1	50
22.69	22.66	22.62	23			25	0
23.15	23.16	23.11	23.5			25	14
22.62	22.66	22.65	23			25	27
22.64	22.66	22.61	23			50	0
23.35	23.36	23.39	23.5	DFT-S QPSK		1	1
23.13	23.20	23.11	23.5			1	26
23.19	23.13	23.10	23.5			1	50
22.20	22.19	22.18	22.5			25	0
23.40	23.35	23.35	23.5			25	14
22.18	22.17	22.16	22.5			25	27
22.32	22.37	22.31	22.5			50	0
22.13	22.15	22.17	22.5	DFT-S 16QAM	1	1	
20.63	20.70	20.70	21	DFT-S 64QAM	1	1	
18.61	18.67	18.69	19	DFT-S 256QAM	1	1	
21.67	21.62	21.61	22	CP QPSK	1	1	

NR Band n25 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
23.12	23.18	23.19	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.14	23.16	23.15	23.5			1	13	
23.11	23.16	23.10	23.5			1	23	
22.61	22.60	22.65	23			12	0	
23.12	23.15	23.13	23.5			12	7	
22.69	22.66	22.69	23			12	13	
22.60	22.65	22.65	23			25	0	
23.40	23.38	23.37	23.5	DFT-S QPSK		1	1	
23.13	23.17	23.19	23.5			1	13	
23.17	23.18	23.18	23.5			1	23	
22.15	22.15	22.20	22.5			12	0	
23.35	23.38	23.37	23.5			12	7	
22.12	22.17	22.16	22.5			12	13	
22.32	22.34	22.34	22.5			25	0	
22.11	22.16	22.18	22.5	DFT-S 16QAM	1	1		
20.69	20.63	20.70	21	DFT-S 64QAM	1	1		
18.70	18.65	18.68	19	DFT-S 256QAM	1	1		
21.68	21.65	21.64	22	CP QPSK	1	1		

NR Band n30 Ant 2					
Maximum Average Power (dBm)	Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
462000	Channel				
2310	Frequency (MHz)				
23.43	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.30	24			1	26
23.39	24			1	50
23.06	23.5			25	0
23.37	24			25	14
23.01	23.5			25	27
23.14	23.5			50	0
23.69	24	DFT-S QPSK		1	1
23.45	24			1	26
23.31	24			1	50
22.51	23			25	0
23.28	24			25	14
22.52	23			25	27
22.65	23			50	0
22.54	23	DFT-S 16QAM	1	1	
21.15	21.5	DFT-S 64QAM	1	1	
19.00	19.5	DFT-S 256QAM	1	1	
22.10	22.5	CP QPSK	1	1	

NR Band n30 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
23.39	23.44	23.20	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.25	23.50	23.38	24			1	13	
23.21	23.47	23.28	24			1	23	
23.13	23.17	23.19	23.5			12	0	
23.27	23.32	23.26	24			12	7	
23.06	23.15	23.16	23.5			12	13	
23.16	23.09	23.15	23.5			25	0	
23.65	23.60	23.58	24	DFT-S QPSK		1	1	
23.49	23.42	23.42	24			1	13	
23.39	23.29	23.25	24			1	23	
22.59	22.68	22.52	23			12	0	
23.27	23.21	23.26	24			12	7	
22.69	22.51	22.53	23			12	13	
22.53	22.67	22.59	23			25	0	
22.56	22.51	22.60	23	DFT-S 16QAM	1	1		
21.20	21.16	21.03	21.5	DFT-S 64QAM	1	1		
19.03	19.00	19.00	19.5	DFT-S 256QAM	1	1		
22.00	22.08	22.02	22.5	CP QPSK	1	1		

NR Band n66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
344000	349000	354000	Channel				
1720	1745	1770	Frequency (MHz)				
23.12	23.19	23.15	23.5	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.13	23.12	23.14	23.5			1	53
23.14	23.14	23.14	23.5			1	104
22.62	22.63	22.61	23			50	0
23.14	23.10	23.10	23.5			50	28
22.68	22.62	22.68	23			50	56
22.61	22.61	22.68	23			100	0
23.41	23.47	23.39	23.5	DFT-S QPSK		1	1
23.19	23.20	23.13	23.5			1	53
23.15	23.16	23.17	23.5			1	104
22.17	22.15	22.12	22.5			50	0
23.26	23.36	23.32	23.5			50	28
22.18	22.14	22.17	22.5			50	56
22.33	22.45	22.39	22.5			100	0
22.16	22.12	22.12	22.5	DFT-S 16QAM	1	1	
20.63	20.67	20.65	21	DFT-S 64QAM	1	1	
18.67	18.68	18.61	19	DFT-S 256QAM	1	1	
21.67	21.70	21.68	22	CP QPSK	1	1	

NR Band n66 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
23.16	23.12	23.17	23.5	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.19	23.11	23.15	23.5			1	40	
23.20	23.18	23.17	23.5			1	77	
22.66	22.65	22.61	23			36	0	
23.16	23.19	23.14	23.5			36	22	
22.70	22.63	22.61	23			36	43	
22.61	22.67	22.62	23			75	0	
23.40	23.39	23.38	23.5	DFT-S QPSK		1	1	
23.20	23.17	23.15	23.5			1	40	
23.17	23.18	23.17	23.5			1	77	
22.17	22.14	22.19	22.5			36	0	
23.36	23.39	23.36	23.5			36	22	
22.20	22.18	22.18	22.5			36	43	
22.38	22.35	22.40	22.5			75	0	
22.16	22.15	22.16	22.5	DFT-S 16QAM	1	1		
20.68	20.70	20.61	21	DFT-S 64QAM	1	1		
18.60	18.68	18.63	19	DFT-S 256QAM	1	1		
21.70	21.65	21.60	22	CP QPSK	1	1		

NR Band n66 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
343000	349000	355000	Channel				
1715	1745	1775	Frequency (MHz)				
23.17	23.12	23.16	23.5	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.20	23.19	23.11	23.5			1	26
23.14	23.11	23.11	23.5			1	50
22.61	22.62	22.65	23			25	0
23.20	23.10	23.13	23.5			25	14
22.66	22.64	22.62	23			25	27
22.63	22.67	22.63	23			50	0
23.35	23.39	23.38	23.5	DFT-S QPSK		1	1
23.12	23.17	23.11	23.5			1	26
23.11	23.17	23.18	23.5			1	50
22.14	22.16	22.12	22.5			25	0
23.37	23.39	23.39	23.5			25	14
22.11	22.14	22.19	22.5			25	27
22.39	22.37	22.31	22.5			50	0
22.16	22.13	22.14	22.5	DFT-S 16QAM	1	1	
20.64	20.67	20.61	21	DFT-S 64QAM	1	1	
18.61	18.62	18.68	19	DFT-S 256QAM	1	1	
21.60	21.68	21.70	22	CP QPSK	1	1	

NR Band n66 Ant 2								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
23.13	23.10	23.20	23.5	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.17	23.19	23.19	23.5			1	13	
23.15	23.19	23.20	23.5			1	23	
22.68	22.62	22.65	23			12	0	
23.12	23.19	23.13	23.5			12	7	
22.70	22.61	22.66	23			12	13	
22.70	22.69	22.61	23			25	0	
23.36	23.35	23.37	23.5	DFT-S QPSK		1	1	
23.15	23.16	23.11	23.5			1	13	
23.10	23.11	23.19	23.5			1	23	
22.18	22.13	22.18	22.5			12	0	
23.37	23.38	23.37	23.5			12	7	
22.19	22.19	22.16	22.5			12	13	
22.36	22.39	22.33	22.5			25	0	
22.20	22.10	22.11	22.5	DFT-S 16QAM	1	1		
20.62	20.66	20.67	21	DFT-S 64QAM	1	1		
18.66	18.61	18.67	19	DFT-S 256QAM	1	1		
21.68	21.67	21.70	22	CP QPSK	1	1		



NR Band n2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
372000	376000	380000	Channel				
1860	1880	1900	Frequency (MHz)				
23.31	23.47	23.40	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.38	23.34	23.36	24			1	53
23.26	23.47	23.47	24			1	104
23.07	23.17	23.04	23.5			50	0
23.39	23.48	23.50	24			50	28
23.03	23.02	23.08	23.5			50	56
23.09	23.20	23.17	23.5			100	0
23.51	23.70	23.55	24	DFT-S QPSK		1	1
23.33	23.50	23.29	24			1	53
23.44	23.41	23.35	24			1	104
22.61	22.59	22.52	23			50	0
23.42	23.50	23.39	24			50	28
22.54	22.50	22.61	23			50	56
22.67	22.70	22.54	23			100	0
22.70	22.67	22.54	23	DFT-S 16QAM	1	1	
21.06	21.07	21.12	21.5	DFT-S 64QAM	1	1	
19.11	19.09	19.15	19.5	DFT-S 256QAM	1	1	
22.16	22.17	22.13	22.5	CP QPSK	1	1	

NR Band n2 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376000	380500	Channel					
1857.5	1880	1902.5	Frequency (MHz)					
23.32	23.24	23.50	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.45	23.28	23.43	24			1	40	
23.23	23.23	23.31	24			1	77	
23.11	23.14	23.20	23.5			36	0	
23.22	23.25	23.23	24			36	22	
23.14	23.14	23.10	23.5			36	43	
23.17	23.12	23.03	23.5			75	0	
23.62	23.58	23.69	24	DFT-S QPSK		1	1	
23.48	23.38	23.21	24			1	40	
23.20	23.20	23.45	24			1	77	
22.53	22.63	22.51	23			36	0	
23.31	23.43	23.38	24			36	22	
22.56	22.68	22.62	23			36	43	
22.57	22.59	22.51	23			75	0	
22.62	22.61	22.52	23	DFT-S 16QAM	1	1		
21.08	21.16	21.11	21.5	DFT-S 64QAM	1	1		
19.14	19.17	19.15	19.5	DFT-S 256QAM	1	1		
22.00	22.18	22.06	22.5	CP QPSK	1	1		

NR Band n2 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
371000	376000	381000	Channel				
1855	1880	1905	Frequency (MHz)				
23.38	23.31	23.50	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.36	23.43	23.45	24			1	26
23.34	23.33	23.44	24			1	50
23.16	23.07	23.17	23.5			25	0
23.47	23.37	23.43	24			25	14
23.01	23.19	23.09	23.5			25	27
23.02	23.19	23.09	23.5			50	0
23.51	23.60	23.59	24	DFT-S QPSK		1	1
23.31	23.28	23.45	24			1	26
23.27	23.27	23.46	24			1	50
22.52	22.62	22.70	23			25	0
23.27	23.41	23.42	24			25	14
22.66	22.69	22.51	23			25	27
22.66	22.70	22.69	23			50	0
22.57	22.56	22.58	23	DFT-S 16QAM	1	1	
21.19	21.13	21.06	21.5	DFT-S 64QAM	1	1	
19.13	19.12	19.00	19.5	DFT-S 256QAM	1	1	
22.08	22.17	22.16	22.5	CP QPSK	1	1	

NR Band n2 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376000	381500	Channel					
1852.5	1880	1907.5	Frequency (MHz)					
23.41	23.29	23.36	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.35	23.37	23.36	24			1	13	
23.33	23.41	23.33	24			1	23	
23.10	23.12	23.19	23.5			12	0	
23.27	23.21	23.38	24			12	7	
23.11	23.13	23.12	23.5			12	13	
23.00	23.11	23.13	23.5			25	0	
23.66	23.50	23.59	24	DFT-S QPSK		1	1	
23.31	23.33	23.24	24			1	13	
23.46	23.20	23.45	24			1	23	
22.62	22.55	22.65	23			12	0	
23.30	23.38	23.49	24			12	7	
22.54	22.66	22.61	23			12	13	
22.50	22.61	22.54	23			25	0	
22.61	22.65	22.67	23	DFT-S 16QAM	1	1		
21.10	21.13	21.15	21.5	DFT-S 64QAM	1	1		
19.08	19.04	19.16	19.5	DFT-S 256QAM	1	1		
22.10	22.04	22.02	22.5	CP QPSK	1	1		

NR Band n7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502000	507000	512000	Channel				
2510	2535	2560	Frequency (MHz)				
23.43	23.27	23.50	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.20	23.44	23.29	24			1	53
23.41	23.25	23.43	24			1	104
23.17	23.15	23.06	23.5			50	0
23.32	23.26	23.20	24			50	28
23.15	23.09	23.00	23.5			50	56
23.05	23.02	23.04	23.5			100	0
23.50	23.68	23.60	24	DFT-S QPSK		1	1
23.20	23.20	23.35	24			1	53
23.28	23.30	23.40	24			1	104
22.68	22.55	22.70	23			50	0
23.30	23.38	23.25	24			50	28
22.50	22.58	22.52	23			50	56
22.57	22.62	22.60	23			100	0
22.58	22.60	22.69	23	DFT-S 16QAM	1	1	
21.17	21.12	21.04	21.5	DFT-S 64QAM	1	1	
19.15	19.08	19.05	19.5	DFT-S 256QAM	1	1	
22.12	22.05	22.20	22.5	CP QPSK	1	1	

NR Band n7 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501500	507000	512500	Channel					
2507.5	2535	2562.5	Frequency (MHz)					
23.25	23.47	23.38	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.31	23.31	23.45	24			1	40	
23.27	23.41	23.28	24			1	77	
23.08	23.11	23.20	23.5			36	0	
23.21	23.29	23.20	24			36	22	
23.17	23.09	23.18	23.5			36	43	
23.06	23.14	23.04	23.5			75	0	
23.54	23.55	23.59	24	DFT-S QPSK		1	1	
23.36	23.21	23.45	24			1	40	
23.41	23.26	23.42	24			1	77	
22.51	22.70	22.69	23			36	0	
23.46	23.20	23.48	24			36	22	
22.63	22.69	22.54	23			36	43	
22.51	22.65	22.53	23			75	0	
22.64	22.55	22.58	23	DFT-S 16QAM	1	1		
21.05	21.07	21.16	21.5	DFT-S 64QAM	1	1		
19.19	19.11	19.19	19.5	DFT-S 256QAM	1	1		
22.09	22.14	22.07	22.5	CP QPSK	1	1		

NR Band n7 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
501000	507000	513000	Channel				
2505	2535	2565	Frequency (MHz)				
23.46	23.45	23.40	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.28	23.29	23.39	24			1	26
23.26	23.38	23.46	24			1	50
23.17	23.00	23.16	23.5			25	0
23.30	23.23	23.37	24			25	14
23.03	23.03	23.02	23.5			25	27
23.00	23.18	23.19	23.5			50	0
23.59	23.56	23.55	24	DFT-S QPSK		1	1
23.41	23.49	23.36	24			1	26
23.23	23.48	23.47	24			1	50
22.62	22.50	22.63	23			25	0
23.21	23.43	23.38	24			25	14
22.60	22.58	22.52	23			25	27
22.55	22.53	22.69	23			50	0
22.63	22.70	22.60	23	DFT-S 16QAM	1	1	
21.07	21.11	21.17	21.5	DFT-S 64QAM	1	1	
19.03	19.07	19.08	19.5	DFT-S 256QAM	1	1	
22.09	22.16	22.17	22.5	CP QPSK	1	1	

NR Band n7 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500500	507000	513500	Channel					
2502.5	2535	2567.5	Frequency (MHz)					
23.45	23.32	23.24	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.20	23.23	23.26	24			1	13	
23.30	23.41	23.31	24			1	23	
23.01	23.15	23.10	23.5			12	0	
23.50	23.25	23.49	24			12	7	
23.06	23.05	23.10	23.5			12	13	
23.11	23.17	23.07	23.5			25	0	
23.58	23.50	23.67	24	DFT-S QPSK		1	1	
23.50	23.24	23.30	24			1	13	
23.34	23.26	23.34	24			1	23	
22.58	22.61	22.59	23			12	0	
23.36	23.34	23.35	24			12	7	
22.52	22.52	22.68	23			12	13	
22.54	22.52	22.62	23			25	0	
22.69	22.54	22.60	23	DFT-S 16QAM	1	1		
21.03	21.09	21.16	21.5	DFT-S 64QAM	1	1		
19.17	19.11	19.01	19.5	DFT-S 256QAM	1	1		
22.20	22.15	22.07	22.5	CP QPSK	1	1		



NR Band n25 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
372000	376500	381000	Channel					
1860	1882.5	1905	Frequency (MHz)					
23.36	23.31	23.48	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.49	23.50	23.34	24			1	53	
23.22	23.25	23.27	24			1	104	
23.09	23.02	23.08	23.5			50	0	
23.24	23.32	23.48	24			50	28	
23.08	23.16	23.04	23.5			50	56	
23.16	23.03	23.20	23.5			100	0	
23.62	23.70	23.68	24	DFT-S QPSK		1	1	
23.39	23.24	23.24	24			1	53	
23.39	23.28	23.36	24			1	104	
22.54	22.64	22.58	23			50	0	
23.32	23.39	23.28	24			50	28	
22.54	22.62	22.35	23			50	56	
22.58	22.57	22.64	23			100	0	
22.63	22.67	22.57	23	DFT-S 16QAM	1	1		
21.02	21.02	21.07	21.5	DFT-S 64QAM	1	1		
19.06	19.12	19.15	19.5	DFT-S 256QAM	1	1		
22.15	22.15	22.18	22.5	CP QPSK	1	1		

NR Band n25 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371500	376500	381500	Channel					
1857.5	1882.5	1907.5	Frequency (MHz)					
23.41	23.33	23.44	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.31	23.36	23.20	24			1	40	
23.41	23.25	23.50	24			1	77	
23.17	23.01	23.08	23.5			36	0	
23.31	23.28	23.45	24			36	22	
23.11	23.12	23.19	23.5			36	43	
23.07	23.19	23.08	23.5			75	0	
23.51	23.65	23.63	24	DFT-S QPSK		1	1	
23.35	23.23	23.29	24			1	40	
23.25	23.24	23.38	24			1	77	
22.50	22.58	22.66	23			36	0	
23.36	23.44	23.46	24			36	22	
22.58	22.52	22.68	23			36	43	
22.58	22.57	22.64	23			75	0	
22.69	22.53	22.63	23	DFT-S 16QAM	1	1		
21.02	21.05	21.14	21.5	DFT-S 64QAM	1	1		
19.13	19.09	19.12	19.5	DFT-S 256QAM	1	1		
22.11	22.12	22.02	22.5	CP QPSK	1	1		

NR Band n25 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
371000	376500	382000	Channel					
1855	1882.5	1910	Frequency (MHz)					
23.34	23.24	23.24	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.47	23.47	23.26	24			1	26	
23.42	23.35	23.50	24			1	50	
23.06	23.16	23.14	23.5			25	0	
23.42	23.50	23.48	24			25	14	
23.02	23.00	23.18	23.5			25	27	
23.06	23.16	23.14	23.5			50	0	
23.57	23.63	23.59	24	DFT-S QPSK		1	1	
23.49	23.28	23.40	24			1	26	
23.44	23.29	23.50	24			1	50	
22.64	22.68	22.54	23			25	0	
23.24	23.41	23.23	24			25	14	
22.51	22.66	22.70	23			25	27	
22.50	22.64	22.69	23			50	0	
22.52	22.61	22.61	23	DFT-S 16QAM	1	1		
21.02	21.02	21.10	21.5	DFT-S 64QAM	1	1		
19.19	19.14	19.01	19.5	DFT-S 256QAM	1	1		
22.04	22.14	22.07	22.5	CP QPSK	1	1		

NR Band n25 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
370500	376500	382500	Channel					
1852.5	1882.5	1912.5	Frequency (MHz)					
23.45	23.33	23.28	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.45	23.26	23.48	24			1	13	
23.21	23.45	23.33	24			1	23	
23.07	23.05	23.13	23.5			12	0	
23.21	23.39	23.41	24			12	7	
23.16	23.02	23.04	23.5			12	13	
23.08	23.18	23.01	23.5			25	0	
23.57	23.56	23.65	24	1		1		
23.50	23.27	23.26	24	1		13		
23.38	23.34	23.20	24	1		23		
22.61	22.54	22.50	23	12		0		
23.45	23.38	23.32	24	12		7		
22.50	22.54	22.54	23	12		13		
22.53	22.56	22.56	23	25		0		
22.68	22.64	22.70	23	DFT-S 16QAM	1	1		
21.05	21.02	21.11	21.5	DFT-S 64QAM	1	1		
19.07	19.20	19.04	19.5	DFT-S 256QAM	1	1		
22.11	22.20	22.16	22.5	CP QPSK	1	1		

NR Band n30 Ant 3							
Maximum Average Power (dBm)		Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
462000		Channel					
2310		Frequency (MHz)					
	22.43		23	DFT-S $\pi/2$ BPSK	10MHz	1	1
	22.47		23			1	26
	22.40		23			1	50
	21.95		22.5			25	0
	22.42		23			25	14
	21.94		22.5			25	27
	21.93		22.5			50	0
	22.71		23	1		1	
	22.44		23	1		26	
	22.42		23	1		50	
	21.48		22	25		0	
	22.67		23	25		14	
	21.41		22	25		27	
	21.70		22	50		0	
	21.40		22	DFT-S 16QAM	1	1	
	19.95		20.5	DFT-S 64QAM	1	1	
	17.91		18.5	DFT-S 256QAM	1	1	
	20.92		21.5	CP QPSK	1	1	

NR Band n30 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
461500	462000	462500	Channel					
2307.5	2310	2312.5	Frequency (MHz)					
22.45	22.42	22.50	23	DFT-S $\pi/2$ BPSK	5MHz	1	1	
22.47	22.44	22.42	23			1	13	
22.50	22.49	22.42	23			1	23	
21.96	21.98	21.92	22.5			12	0	
22.44	22.48	22.47	23			12	7	
21.92	21.96	21.92	22.5			12	13	
21.96	21.93	21.98	22.5			25	0	
22.66	22.68	22.68	23	DFT-S QPSK		1	1	
22.40	22.40	22.47	23			1	13	
22.40	22.41	22.49	23			1	23	
21.50	21.46	21.44	22			12	0	
22.68	22.68	22.69	23			12	7	
21.43	21.45	21.50	22			12	13	
21.63	21.66	21.64	22			25	0	
21.45	21.48	21.41	22	DFT-S 16QAM	1	1		
19.92	19.93	19.94	20.5	DFT-S 64QAM	1	1		
17.92	17.92	17.91	18.5	DFT-S 256QAM	1	1		
20.99	20.98	20.93	21.5	CP QPSK	1	1		

NR Band n66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
344000	349000	354000	Channel				
1720	1745	1770	Frequency (MHz)				
23.45	23.38	23.30	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.46	23.34	23.34	24			1	53
23.44	23.39	23.27	24			1	104
23.06	23.13	23.06	23.5			50	0
23.28	23.26	23.24	24			50	28
23.03	23.13	23.00	23.5			50	56
23.09	23.01	23.19	23.5			100	0
23.50	23.70	23.50	24	DFT-S QPSK		1	1
23.34	23.23	23.28	24			1	53
23.22	23.38	23.49	24			1	104
22.70	22.53	22.56	23			50	0
23.32	23.39	23.34	24			50	28
22.52	22.62	22.51	23			50	56
22.50	22.54	22.54	23			100	0
22.70	22.64	22.55	23	DFT-S 16QAM	1	1	
21.18	21.06	21.15	21.5	DFT-S 64QAM	1	1	
19.04	19.08	19.13	19.5	DFT-S 256QAM	1	1	
22.03	22.10	22.06	22.5	CP QPSK	1	1	

NR Band n66 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
343500	349000	354500	Channel					
1717.5	1745	1772.5	Frequency (MHz)					
23.42	23.28	23.39	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.23	23.33	23.40	24			1	40	
23.46	23.27	23.35	24			1	77	
23.18	23.06	23.06	23.5			36	0	
23.46	23.22	23.49	24			36	22	
23.13	23.10	23.11	23.5			36	43	
23.02	23.14	23.09	23.5			75	0	
23.62	23.50	23.68	24	DFT-S QPSK		1	1	
23.30	23.32	23.40	24			1	40	
23.20	23.29	23.25	24			1	77	
22.50	22.54	22.51	23			36	0	
23.25	23.45	23.45	24			36	22	
22.65	22.69	22.65	23			36	43	
22.59	22.64	22.62	23			75	0	
22.62	22.51	22.52	23	DFT-S 16QAM	1	1		
21.13	21.04	21.04	21.5	DFT-S 64QAM	1	1		
19.03	19.04	19.09	19.5	DFT-S 256QAM	1	1		
22.16	22.15	22.03	22.5	CP QPSK	1	1		



NR Band n66 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
343000	349000	355000	Channel				
1715	1745	1775	Frequency (MHz)				
23.35	23.24	23.45	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.50	23.42	23.41	24			1	26
23.38	23.31	23.20	24			1	50
23.03	23.02	23.09	23.5			25	0
23.35	23.35	23.29	24			25	14
23.20	23.07	23.16	23.5			25	27
23.18	23.19	23.01	23.5			50	0
23.51	23.54	23.60	24	DFT-S QPSK		1	1
23.39	23.37	23.25	24			1	26
23.33	23.22	23.42	24			1	50
22.63	22.50	22.58	23			25	0
23.29	23.27	23.46	24			25	14
22.54	22.69	22.69	23			25	27
22.50	22.55	22.66	23			50	0
22.70	22.53	22.70	23	DFT-S 16QAM	1	1	
21.10	21.10	21.13	21.5	DFT-S 64QAM	1	1	
19.16	19.01	19.01	19.5	DFT-S 256QAM	1	1	
22.00	22.15	22.17	22.5	CP QPSK	1	1	

NR Band n66 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
342500	349000	355500	Channel					
1712.5	1745	1777.5	Frequency (MHz)					
23.29	23.46	23.31	24	DFT-S $\pi/2$ BPSK	5MHz	1	1	
23.25	23.26	23.43	24			1	13	
23.35	23.30	23.32	24			1	23	
23.01	23.03	23.05	23.5			12	0	
23.48	23.46	23.36	24			12	7	
23.10	23.14	23.20	23.5			12	13	
23.03	23.19	23.16	23.5			25	0	
23.62	23.62	23.54	24	DFT-S QPSK		1	1	
23.47	23.48	23.50	24			1	13	
23.41	23.28	23.43	24			1	23	
22.52	22.69	22.51	23			12	0	
23.40	23.48	23.44	24			12	7	
22.53	22.57	22.67	23			12	13	
22.64	22.68	22.68	23			25	0	
22.69	22.70	22.63	23	DFT-S 16QAM	1	1		
21.07	21.06	21.10	21.5	DFT-S 64QAM	1	1		
19.01	19.18	19.13	19.5	DFT-S 256QAM	1	1		
22.08	22.05	22.16	22.5	CP QPSK	1	1		

NR Band n38 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
518000	519000	520000	Channel					
2590	2595	2600	Frequency (MHz)					
23.22	23.29	23.22	24	DFT-S $\pi/2$ BPSK	40MHz	1	1	
23.26	23.23	23.20	24			1	53	
23.23	23.26	23.22	24			1	104	
22.96	22.81	22.98	23.5			50	0	
23.21	23.26	23.22	24			50	28	
22.98	22.95	22.90	23.5			50	56	
22.92	22.97	22.81	23.5			100	0	
23.31	23.49	23.33	24	DFT-S QPSK		1	1	
23.24	23.22	23.28	24			1	53	
23.29	23.22	23.25	24			1	104	
22.43	22.46	22.33	23			50	0	
23.21	23.27	23.22	24			50	28	
22.47	22.37	22.45	23			50	56	
22.43	22.45	22.34	23			100	0	
22.45	22.48	22.50	23	DFT-S 16QAM	1	1		
20.80	20.84	20.97	21.5	DFT-S 64QAM	1	1		
18.92	18.85	18.80	19.5	DFT-S 256QAM	1	1		
21.87	21.93	21.95	22.5	CP QPSK	1	1		

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
23.28	23.30	23.24	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.30	23.26	23.29	24			1	39
23.26	23.29	23.30	24			1	76
22.83	22.82	22.96	23.5			36	0
23.24	23.28	23.28	24			36	21
22.86	22.97	22.98	23.5			36	42
22.94	22.85	22.80	23.5			75	0
23.37	23.31	23.48	24	1		1	
23.27	23.29	23.21	24	1		39	
23.20	23.22	23.26	24	1		76	
22.34	22.44	22.45	23	DFT-S QPSK		36	0
23.25	23.21	23.20	24			36	21
22.46	22.36	22.43	23			36	42
22.49	22.45	22.37	23			75	0
22.45	22.45	22.36	23		1	1	
20.93	20.80	20.81	21.5	DFT-S 16QAM	1	1	
18.87	18.97	18.80	19.5	DFT-S 64QAM	1	1	
21.91	21.84	21.91	22.5	DFT-S 256QAM	1	1	
				CP QPSK	1	1	

NR Band n38 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
516500	519000	521500	Channel					
2582.5	2595	2607.5	Frequency (MHz)					
23.23	23.23	23.26	24	DFT-S $\pi/2$ BPSK	25MHz	1	1	
23.23	23.23	23.27	24			1	33	
23.24	23.27	23.26	24			1	63	
22.97	22.81	22.82	23.5			32	0	
23.20	23.25	23.21	24			32	17	
22.81	22.94	22.96	23.5			32	33	
22.88	22.81	22.94	23.5			64	0	
23.38	23.48	23.41	24	1		1		
23.26	23.30	23.25	24	DFT-S QPSK		1	33	
23.21	23.28	23.28	24			1	63	
22.48	22.48	22.47	23			32	0	
23.25	23.30	23.30	24			32	17	
22.48	22.47	22.30	23			32	33	
22.33	22.38	22.32	23			64	0	
22.35	22.38	22.43	23		DFT-S 16QAM	1	1	
20.92	20.96	20.91	21.5	DFT-S 64QAM	1	1		
18.88	18.80	18.90	19.5	DFT-S 256QAM	1	1		
21.91	21.98	21.93	22.5	CP QPSK	1	1		

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
23.20	23.27	23.28	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.25	23.22	23.21	24			1	26
23.30	23.25	23.29	24			1	49
22.96	22.89	23.00	23.5			25	0
23.21	23.22	23.27	24			25	13
22.87	22.88	22.98	23.5			25	26
22.80	22.87	22.88	23.5			50	0
23.36	23.49	23.33	24	DFT-S QPSK		1	1
23.28	23.24	23.22	24			1	26
23.20	23.27	23.27	24			1	49
22.40	22.41	22.37	23			25	0
23.20	23.28	23.25	24			25	13
22.50	22.31	22.44	23			25	26
22.33	22.34	22.43	23			50	0
22.47	22.48	22.43	23	DFT-S 16QAM	1	1	
20.97	20.87	20.95	21.5	DFT-S 64QAM	1	1	
19.00	18.99	18.88	19.5	DFT-S 256QAM	1	1	
21.92	21.92	21.80	22.5	CP QPSK	1	1	

NR Band n38 Ant 0							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515500	519000	522500	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.24	23.24	23.20	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.25	23.25	23.30	24			1	19
23.24	23.21	23.29	24			1	36
22.81	22.87	22.96	23.5			18	0
23.28	23.30	23.21	24			18	10
22.96	22.91	22.95	23.5			18	20
22.88	22.95	22.94	23.5			36	0
23.48	23.37	23.32	24	1		1	
23.22	23.20	23.21	24	DFT-S QPSK		1	19
23.20	23.22	23.30	24			1	36
22.36	22.38	22.46	23			18	0
23.25	23.24	23.28	24			18	10
22.50	22.49	22.33	23			18	20
22.46	22.46	22.32	23			36	0
22.30	22.41	22.47	23		1	1	
20.87	20.92	20.89	21.5	DFT-S 64QAM	1	1	
19.00	18.95	18.91	19.5	DFT-S 256QAM	1	1	
21.89	21.83	21.90	22.5	CP QPSK	1	1	

NR Band n38 Ant 0								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
515000	519000	523000	Channel					
2575	2595	2615	Frequency (MHz)					
23.30	23.30	23.24	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.27	23.28	23.27	24			1	11	
23.28	23.26	23.24	24			1	22	
22.90	22.86	22.92	23.5			12	0	
23.27	23.24	23.30	24			12	6	
22.99	22.93	22.96	23.5			12	12	
22.97	22.92	22.82	23.5			24	0	
23.46	23.34	23.41	24	DFT-S QPSK		1	1	
23.21	23.27	23.28	24			1	11	
23.29	23.23	23.20	24			1	22	
22.49	22.41	22.34	23			12	0	
23.25	23.29	23.28	24			12	6	
22.32	22.31	22.30	23			12	12	
22.38	22.41	22.32	23			24	0	
22.34	22.47	22.47	23	DFT-S 16QAM	1	1		
20.94	20.93	20.80	21.5	DFT-S 64QAM	1	1		
18.81	18.80	18.86	19.5	DFT-S 256QAM	1	1		
21.84	21.83	21.83	22.5	CP QPSK	1	1		



NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202	513900	518598	523302	528000	Channel				
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)				
23.30	23.29	23.28	23.28	23.21	24	DFT-S $\pi/2$ BPSK	100MHz	1	1
23.21	23.20	23.20	23.23	23.28	24			1	137
23.25	23.20	23.27	23.23	23.20	24			1	271
22.81	22.83	22.81	22.86	22.81	23.5			135	0
23.22	23.26	23.23	23.20	23.21	24			135	69
22.96	22.98	22.92	22.86	22.88	23.5			135	138
22.93	22.90	22.98	22.96	22.85	23.5			270	0
23.46	23.33	23.49	23.37	23.41	24	DFT-S QPSK		1	1
23.20	23.24	23.30	23.29	23.22	24			1	137
23.29	23.25	23.29	23.25	23.30	24			1	271
22.42	22.34	22.46	22.43	22.45	23			135	0
23.21	23.24	23.33	23.26	23.21	24			135	69
22.44	22.42	22.39	22.32	22.36	23			135	138
22.36	22.40	22.44	22.32	22.34	23			270	0
22.44	22.33	22.49	22.32	22.37	23	DFT-S 16QAM	1	1	
20.91	20.93	20.83	20.80	20.93	21.5	DFT-S 64QAM	1	1	
18.91	18.97	18.82	18.90	18.82	19.5	DFT-S 256QAM	1	1	
21.93	21.85	21.99	21.97	21.83	22.5	CP QPSK	1	1	

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
508200	513402	518598	523800	528996	Channel				
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)				
23.26	23.21	23.28	23.27	23.30	24	DFT-S $\pi/2$ BPSK	90MHz	1	1
23.28	23.29	23.25	23.30	23.28	24			1	123
23.27	23.30	23.25	23.27	23.22	24			1	243
22.91	22.84	22.88	22.96	22.90	23.5			120	0
23.26	23.22	23.30	23.29	23.29	24			120	63
22.81	22.83	22.87	22.88	22.80	23.5			120	125
22.94	22.87	22.80	22.92	22.97	23.5			243	0
23.37	23.33	23.48	23.45	23.45	24	1		1	
23.25	23.22	23.29	23.24	23.29	24	1		123	
23.29	23.30	23.27	23.20	23.22	24	1		243	
22.33	22.44	22.45	22.40	22.44	23	DFT-S QPSK		120	0
23.28	23.22	23.23	23.23	23.23	24			120	63
22.36	22.33	22.32	22.45	22.41	23			120	125
22.34	22.45	22.48	22.36	22.33	23			243	0
22.39	22.39	22.42	22.34	22.43	23		1	1	
20.94	20.88	20.84	20.81	20.96	21.5	DFT-S 64QAM	1	1	
18.95	18.94	18.89	18.98	18.96	19.5	DFT-S 256QAM	1	1	
21.93	21.88	21.95	21.83	21.87	22.5	CP QPSK	1	1	

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
507204	509304	518598	500298	529998	Channel				
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)				
23.27	23.28	23.26	23.25	23.29	24	DFT-S $\pi/2$ BPSK	80MHz	1	1
23.20	23.30	23.23	23.24	23.20	24			1	109
23.22	23.29	23.26	23.26	23.23	24			1	215
22.85	22.90	22.98	22.90	22.89	23.5			108	0
23.20	23.30	23.24	23.30	23.23	24			108	55
22.85	22.93	22.89	22.85	22.89	23.5			108	109
22.94	22.91	22.92	22.97	22.85	23.5			216	0
23.44	23.40	23.49	23.44	23.39	24	DFT-S QPSK		1	1
23.30	23.23	23.29	23.26	23.29	24			1	109
23.26	23.30	23.22	23.20	23.25	24			1	215
22.37	22.39	22.46	22.45	22.34	23			108	0
23.28	23.23	23.26	23.29	23.21	24			108	55
22.45	22.41	22.34	22.41	22.39	23			108	109
22.42	22.50	22.42	22.38	22.50	23			216	0
22.36	22.45	22.30	22.40	22.30	23	DFT-S 16QAM	1	1	
20.95	20.98	20.83	21.00	20.99	21.5	DFT-S 64QAM	1	1	
18.95	18.86	18.90	18.85	18.97	19.5	DFT-S 256QAM	1	1	
21.98	21.96	21.96	21.82	21.93	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
506202	512400	518598	524802	531000	Channel					
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)					
23.29	23.27	23.27	23.22	23.25	24	DFT-S $\pi/2$ BPSK	70MHz	1	1	
23.21	23.27	23.29	23.24	23.24	24			1	95	
23.24	23.30	23.21	23.29	23.21	24			1	187	
22.89	22.85	22.84	23.00	22.80	23.5			90	0	
23.21	23.29	23.28	23.20	23.22	24			90	50	
22.82	22.81	22.87	22.96	22.84	23.5			90	99	
22.86	22.99	22.93	22.90	22.87	23.5			180	0	
23.38	23.47	23.32	23.31	23.45	24	1		1		
23.20	23.25	23.24	23.21	23.20	24	1		95		
23.30	23.28	23.25	23.28	23.20	24	1		187		
22.34	22.34	22.36	22.50	22.48	23	DFT-S QPSK		90	0	
23.29	23.30	23.30	23.23	23.22	24			90	50	
22.46	22.34	22.44	22.31	22.35	23			90	99	
22.44	22.47	22.46	22.30	22.49	23			180	0	
22.33	22.37	22.49	22.44	22.30	23		1	1		
20.83	20.85	20.86	20.95	20.91	21.5		1	1		
18.81	18.81	18.80	18.89	18.95	19.5	DFT-S 256QAM	1	1		
21.82	22.00	21.85	21.88	21.86	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
23.21	23.26	23.20	23.26	23.29	24	DFT-S $\pi/2$ BPSK	60MHz	1	1	
23.26	23.29	23.24	23.22	23.29	24			1	81	
23.24	23.25	23.26	23.27	23.28	24			1	160	
22.94	22.88	22.87	22.85	22.91	23.5			81	0	
23.20	23.21	23.24	23.25	23.22	24			81	41	
22.97	22.84	22.95	22.96	22.93	23.5			81	81	
22.93	22.90	22.83	22.87	22.98	23.5			162	0	
23.38	23.33	23.33	23.35	23.45	24	DFT-S QPSK		1	1	
23.28	23.28	23.22	23.30	23.20	24			1	81	
23.29	23.30	23.20	23.27	23.22	24			1	160	
22.46	22.45	22.35	22.36	22.35	23			81	0	
23.20	23.20	23.27	23.28	23.30	24			81	41	
22.43	22.34	22.45	22.34	22.41	23			81	81	
22.42	22.46	22.50	22.36	22.37	23			162	0	
22.46	22.43	22.43	22.33	22.50	23	DFT-S 16QAM	1	1		
20.97	20.97	20.99	20.92	20.82	21.5	DFT-S 64QAM	1	1		
18.87	18.91	18.98	18.83	18.85	19.5	DFT-S 256QAM	1	1		
21.85	21.84	21.83	21.87	21.95	22.5	CP QPSK	1	1		

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
504204	511404	518598	525798	532998	Channel				
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)				
23.21	23.26	23.25	23.30	23.23	24	DFT-S $\pi/2$ BPSK	50MHz	1	1
23.22	23.25	23.27	23.30	23.30	24			1	67
23.22	23.29	23.30	23.26	23.25	24			1	131
22.95	22.94	22.80	22.94	22.85	23.5			64	0
23.28	23.28	23.26	23.28	23.26	24			64	35
22.94	22.94	22.98	22.87	22.86	23.5			64	69
22.86	22.88	22.89	22.85	22.81	23.5			128	0
23.34	23.30	23.32	23.49	23.44	24	DFT-S QPSK	50MHz	1	1
23.20	23.25	23.30	23.22	23.30	24			1	67
23.25	23.23	23.22	23.21	23.29	24			1	131
22.36	22.50	22.31	22.49	22.45	23			64	0
23.23	23.26	23.24	23.27	23.29	24			64	35
22.43	22.50	22.42	22.39	22.46	23			64	69
22.36	22.43	22.44	22.43	22.44	23			128	0
22.43	22.37	22.32	22.48	22.31	23	DFT-S 16QAM	1	1	
20.89	20.99	20.86	20.83	20.98	21.5	DFT-S 64QAM	1	1	
18.95	18.94	18.94	18.81	18.99	19.5	DFT-S 256QAM	1	1	
21.88	21.81	21.94	21.97	21.96	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
503202	510900	518598	526296	534000	Channel					
2516.01	2554.5	2592.99	2631.48	2670	Frequency (MHz)					
23.25	23.21	23.20	23.28	23.20	24	DFT-S $\pi/2$ BPSK	40MHz	1	1	
23.20	23.21	23.29	23.24	23.22	24			1	53	
23.28	23.28	23.24	23.25	23.28	24			1	104	
22.85	22.97	22.98	22.86	22.95	23.5			50	0	
23.28	23.24	23.28	23.30	23.27	24			50	28	
22.91	22.87	22.84	22.99	22.80	23.5			50	56	
22.93	22.97	22.89	22.89	22.94	23.5			100	0	
23.42	23.38	23.34	23.41	23.47	24	DFT-S QPSK	40MHz	1	1	
23.25	23.24	23.26	23.26	23.23	24			1	53	
23.21	23.24	23.24	23.29	23.23	24			1	104	
22.45	22.35	22.38	22.44	22.50	23			50	0	
23.30	23.25	23.20	23.27	23.28	24			50	28	
22.30	22.41	22.34	22.32	22.36	23			50	56	
22.30	22.42	22.39	22.31	22.34	23			100	0	
22.42	22.43	22.33	22.46	22.34	23	DFT-S 16QAM	1	1		
20.97	20.94	20.87	20.84	20.97	21.5	DFT-S 64QAM	1	1		
18.91	18.86	18.80	18.97	18.95	19.5	DFT-S 256QAM	1	1		
22.00	21.84	21.83	21.98	21.91	22.5	CP QPSK	1	1		

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
502200	510402	518598	526800	534996	Channel					
2511	2552.01	2592.99	2634	2674.98	Frequency (MHz)					
23.24	23.28	23.21	23.28	23.26	24	DFT-S $\pi/2$ BPSK	30MHz	1	1	
23.26	23.29	23.25	23.21	23.23	24			1	39	
23.26	23.29	23.30	23.28	23.25	24			1	76	
22.87	22.90	22.94	22.87	22.92	23.5			36	0	
23.20	23.30	23.27	23.29	23.27	24			36	21	
22.80	22.93	22.93	22.83	22.93	23.5			36	42	
22.94	22.83	22.81	22.97	22.91	23.5			75	0	
23.49	23.34	23.38	23.40	23.38	24	DFT-S QPSK	1	1		
23.26	23.23	23.29	23.28	23.23	24		1	39		
23.25	23.26	23.22	23.24	23.28	24		1	76		
22.49	22.45	22.30	22.42	22.36	23		36	0		
23.24	23.25	23.28	23.24	23.24	24		36	21		
22.44	22.50	22.37	22.35	22.30	23		36	42		
22.50	22.47	22.31	22.35	22.50	23		75	0		
22.35	22.48	22.47	22.37	22.48	23	DFT-S 16QAM	1	1		
20.82	20.85	20.85	20.84	20.92	21.5	DFT-S 64QAM	1	1		
18.95	18.96	18.83	18.81	18.87	19.5	DFT-S 256QAM	1	1		
21.97	21.87	21.94	21.94	21.88	22.5	CP QPSK	1	1		



NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501204	509898	518598	527298	535998	Channel					
2506.02	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
23.23	23.28	23.21	23.30	23.21	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.22	23.24	23.28	23.20	23.24	24			1	26	
23.21	23.23	23.23	23.26	23.30	24			1	49	
22.99	23.00	22.99	22.83	23.00	23.5			25	0	
23.29	23.30	23.25	23.28	23.28	24			25	13	
22.91	22.97	22.81	22.97	22.90	23.5			25	26	
22.98	22.99	22.82	22.99	23.00	23.5			50	0	
23.46	23.48	23.46	23.37	23.41	24	DFT-S QPSK	20MHz	1	1	
23.24	23.22	23.25	23.30	23.23	24			1	26	
23.30	23.25	23.20	23.26	23.30	24			1	49	
22.38	22.30	22.50	22.32	22.31	23			25	0	
23.29	23.24	23.21	23.30	23.28	24			25	13	
22.33	22.42	22.33	22.31	22.43	23			25	26	
22.43	22.42	22.41	22.40	22.48	23			50	0	
22.37	22.43	22.40	22.44	22.49	23	DFT-S 16QAM	1	1		
20.87	20.90	20.80	21.00	20.82	21.5	DFT-S 64QAM	1	1		
18.90	18.83	18.98	18.81	18.96	19.5	DFT-S 256QAM	1	1		
21.81	21.91	21.80	21.85	21.84	22.5	CP QPSK	1	1		

NR Band n41 Ant 0									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500700	509646	518598	527544	536496	Channel				
2503.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)				
23.27	23.25	23.29	23.25	23.20	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.30	23.21	23.30	23.24	23.21	24			1	19
23.28	23.23	23.30	23.25	23.26	24			1	36
22.80	22.93	22.84	22.85	22.84	23.5			18	0
23.23	23.25	23.25	23.22	23.25	24			18	10
22.80	22.97	22.92	22.85	22.92	23.5			18	20
22.90	22.87	22.86	23.00	22.94	23.5			36	0
23.48	23.38	23.33	23.36	23.48	24			1	1
23.23	23.27	23.20	23.30	23.28	24	DFT-S QPSK	15MHz	1	19
23.27	23.26	23.30	23.26	23.27	24			1	36
22.39	22.32	22.30	22.40	22.48	23			18	0
23.29	23.29	23.25	23.23	23.29	24			18	10
22.42	22.33	22.45	22.50	22.47	23			18	20
22.46	22.46	22.47	22.37	22.48	23			36	0
22.35	22.40	22.36	22.40	22.46	23			1	1
20.80	20.96	21.00	20.91	20.85	21.5			1	1
18.98	18.94	18.98	18.92	18.92	19.5	DFT-S 256QAM	1	1	
22.00	21.82	21.96	21.98	22.00	22.5	CP QPSK	1	1	

NR Band n41 Ant 0										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500202	509400	518598	527796	537000	Channel					
2501.01	2547	2592.99	2638.98	2685	Frequency (MHz)					
23.26	23.24	23.20	23.26	23.23	24	DFT-S $\pi/2$ BPSK	10MHz	1	1	
23.21	23.24	23.30	23.21	23.27	24			1	11	
23.23	23.23	23.21	23.23	23.30	24			1	22	
22.91	22.97	22.95	22.85	22.84	23.5			12	0	
23.26	23.22	23.28	23.22	23.23	24			12	6	
22.86	22.85	22.93	22.89	22.81	23.5			12	12	
22.96	22.95	22.80	22.95	22.90	23.5			24	0	
23.40	23.36	23.39	23.37	23.39	24	DFT-S QPSK		1	1	
23.29	23.21	23.25	23.22	23.29	24			1	11	
23.25	23.28	23.25	23.29	23.26	24			1	22	
22.45	22.41	22.45	22.33	22.30	23			12	0	
23.21	23.23	23.21	23.23	23.22	24			12	6	
22.30	22.46	22.40	22.43	22.34	23			12	12	
22.47	22.32	22.47	22.35	22.44	23			24	0	
22.46	22.49	22.42	22.38	22.49	23	DFT-S 16QAM	1	1		
20.90	20.91	20.92	20.80	20.83	21.5	DFT-S 64QAM	1	1		
19.00	18.96	18.99	18.96	18.92	19.5	DFT-S 256QAM	1	1		
22.00	21.83	21.86	21.84	21.98	22.5	CP QPSK	1	1		

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
22.37	22.30	22.41	24	DFT-S $\pi/2$ BPSK	40MHz	1	1
22.18	22.14	22.28	24			1	53
22.28	22.22	22.33	24			1	104
22.15	22.10	22.24	23.5			50	0
22.53	22.48	22.58	24			50	28
22.16	22.11	22.25	23.5			50	56
22.34	22.28	22.39	23.5			100	0
22.37	22.63	22.41	24	DFT-S QPSK		1	1
22.30	22.55	22.33	24			1	53
22.18	22.44	22.22	24			1	104
21.35	21.60	21.44	23			50	0
22.10	22.40	22.24	24			50	28
21.48	21.82	21.64	23			50	56
21.38	21.63	21.46	23			100	0
21.13	21.46	21.33	23	DFT-S 16QAM	1	1	
19.72	20.01	19.79	21.5	DFT-S 64QAM	1	1	
17.54	17.80	17.62	19.5	DFT-S 256QAM	1	1	
20.66	20.94	20.76	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
22.29	22.22	22.33	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
22.10	22.06	22.20	24			1	39
22.20	22.14	22.25	24			1	76
22.07	22.02	22.16	23.5			36	0
22.45	22.40	22.50	24			36	21
22.08	22.03	22.17	23.5			36	42
22.26	22.20	22.31	23.5			75	0
22.29	22.55	22.33	24	DFT-S QPSK		1	1
22.22	22.47	22.25	24			1	39
22.10	22.36	22.14	24			1	76
21.27	21.52	21.36	23			36	0
22.02	22.32	22.16	24			36	21
21.40	21.74	21.56	23			36	42
21.30	21.55	21.38	23			75	0
21.05	21.38	21.25	23	DFT-S 16QAM	1	1	
19.64	19.93	19.71	21.5	DFT-S 64QAM	1	1	
17.56	17.72	17.64	19.5	DFT-S 256QAM	1	1	
20.58	20.86	20.68	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516500	519000	521500	Channel				
2582.5	2595	2607.5	Frequency (MHz)				
22.32	22.25	22.36	24	DFT-S $\pi/2$ BPSK	25MHz	1	1
22.13	22.09	22.23	24			1	33
22.23	22.17	22.28	24			1	63
22.10	22.05	22.19	23.5			32	0
22.48	22.43	22.53	24			32	17
22.11	22.06	22.20	23.5			32	33
22.29	22.23	22.34	23.5			64	0
22.32	22.58	22.36	24	DFT-S QPSK		1	1
22.25	22.50	22.28	24			1	33
22.13	22.39	22.17	24			1	63
21.30	21.55	21.39	23			32	0
22.05	22.35	22.19	24			32	17
21.43	21.77	21.59	23			32	33
21.33	21.58	21.41	23			64	0
21.08	21.41	21.28	23	DFT-S 16QAM	1	1	
19.67	19.96	19.74	21.5	DFT-S 64QAM	1	1	
17.59	17.75	17.67	19.5	DFT-S 256QAM	1	1	
20.61	20.89	20.71	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
22.34	22.27	22.38	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
22.15	22.11	22.25	24			1	26
22.25	22.19	22.30	24			1	49
22.12	22.07	22.21	23.5			25	0
22.50	22.45	22.55	24			25	13
22.13	22.08	22.22	23.5			25	26
22.31	22.25	22.36	23.5			50	0
22.34	22.60	22.38	24	DFT-S QPSK		1	1
22.27	22.52	22.30	24			1	26
22.15	22.41	22.19	24			1	49
21.32	21.57	21.41	23			25	0
22.07	22.37	22.21	24			25	13
21.45	21.79	21.61	23			25	26
21.35	21.60	21.43	23			50	0
21.10	21.43	21.30	23	DFT-S 16QAM	1	1	
19.69	19.98	19.76	21.5	DFT-S 64QAM	1	1	
17.61	17.77	17.69	19.5	DFT-S 256QAM	1	1	
20.63	20.91	20.73	22.5	CP QPSK	1	1	

NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515500	519000	522500	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
22.32	22.25	22.36	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
22.13	22.09	22.23	24			1	19
22.23	22.17	22.28	24			1	36
22.10	22.05	22.19	23.5			18	0
22.48	22.43	22.53	24			18	10
22.11	22.06	22.20	23.5			18	20
22.29	22.23	22.34	23.5			36	0
22.32	22.58	22.36	24	DFT-S QPSK		1	1
22.25	22.50	22.28	24			1	19
22.13	22.39	22.17	24			1	36
21.30	21.55	21.39	23			18	0
22.05	22.35	22.19	24			18	10
21.43	21.77	21.59	23			18	20
21.33	21.58	21.41	23			36	0
21.08	21.41	21.28	23	DFT-S 16QAM	1	1	
19.67	19.96	19.74	21.5	DFT-S 64QAM	1	1	
17.59	17.75	17.67	19.5	DFT-S 256QAM	1	1	
20.61	20.89	20.71	22.5	CP QPSK	1	1	



NR Band n38 Ant 1							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
22.27	22.20	22.31	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.08	22.04	22.18	24			1	11
22.18	22.12	22.23	24			1	22
22.05	22.00	22.14	23.5			12	0
22.43	22.38	22.48	24			12	6
22.06	22.01	22.15	23.5			12	12
22.24	22.18	22.29	23.5			24	0
22.27	22.53	22.31	24	DFT-S QPSK		1	1
22.20	22.45	22.23	24			1	11
22.08	22.34	22.12	24			1	22
21.25	21.50	21.34	23			12	0
22.00	22.30	22.14	24			12	6
21.38	21.72	21.54	23			12	12
21.28	21.53	21.36	23			24	0
21.03	21.36	21.23	23	DFT-S 16QAM	1	1	
19.62	19.91	19.69	21.5	DFT-S 64QAM	1	1	
17.54	17.70	17.62	19.5	DFT-S 256QAM	1	1	
20.56	20.84	20.66	22.5	CP QPSK	1	1	

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202	513900	518598	523302	528000	Channel				
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)				
22.66	22.33	22.73	22.51	22.37	24	DFT-S $\pi/2$ BPSK	100MHz	1	1
22.34	22.50	22.51	22.71	22.33	24			1	137
22.31	22.56	22.39	22.80	22.58	24			1	271
22.04	22.01	22.23	22.19	22.20	23.5			135	0
22.48	22.67	22.72	22.33	22.80	24			135	69
21.90	22.15	22.22	21.88	22.09	23.5			135	138
22.13	22.30	22.16	21.94	22.30	23.5			270	0
22.93	22.91	22.96	22.94	22.90	24	DFT-S QPSK		1	1
22.35	22.61	22.53	22.72	22.46	24			1	137
22.43	22.43	22.76	22.60	22.50	24			1	271
21.63	21.32	21.36	21.51	21.52	23			135	0
22.35	22.55	22.65	22.61	22.52	24			135	69
21.77	21.31	21.51	21.62	21.51	23			135	138
21.42	21.41	21.77	21.43	21.48	23			270	0
21.54	21.33	21.56	21.72	21.47	23	DFT-S 16QAM	1	1	
20.00	19.82	20.02	19.93	19.96	21.5	DFT-S 64QAM	1	1	
17.84	18.25	17.96	17.93	17.97	19.5	DFT-S 256QAM	1	1	
21.09	20.82	20.93	21.01	20.92	22.5	CP QPSK	1	1	

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
508200	513402	518598	523800	528996	Channel				
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)				
22.65	22.57	22.76	22.72	22.43	24	DFT-S $\pi/2$ BPSK	90MHz	1	1
22.76	22.55	22.55	22.57	22.34	24			1	123
22.50	22.49	22.57	22.70	22.74	24			1	243
22.27	22.06	22.26	22.11	22.13	23.5			120	0
22.66	22.39	22.68	22.79	22.42	24			120	63
22.05	22.02	21.96	22.09	21.95	23.5			120	125
22.06	21.95	21.92	21.99	22.00	23.5			243	0
22.84	22.89	22.80	22.90	22.83	24	DFT-S QPSK		1	1
22.37	22.31	22.48	22.67	22.54	24			1	123
22.50	22.43	22.39	22.31	22.41	24			1	243
21.62	21.67	21.42	21.48	21.46	23			120	0
22.49	22.47	22.38	22.59	22.76	24			120	63
21.64	21.44	21.79	21.38	21.44	23			120	125
21.69	21.69	21.51	21.58	21.40	23			243	0
21.73	21.68	21.72	21.59	21.61	23	DFT-S 16QAM	1	1	
20.17	20.30	19.94	20.30	20.24	21.5	DFT-S 64QAM	1	1	
17.93	18.24	18.23	18.02	17.84	19.5	DFT-S 256QAM	1	1	
21.11	21.20	21.26	21.29	20.95	22.5	CP QPSK	1	1	

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
507204	509304	518598	500298	529998	Channel					
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)					
22.58	22.44	22.46	22.38	22.32	24	DFT-S $\pi/2$ BPSK	80MHz	1	1	
22.77	22.38	22.59	22.44	22.47	24			1	109	
22.72	22.48	22.54	22.39	22.68	24			1	215	
21.96	22.22	22.09	22.09	21.86	23.5			108	0	
22.38	22.34	22.62	22.55	22.31	24			108	55	
21.89	22.08	22.14	22.03	22.20	23.5			108	109	
21.87	22.03	21.95	22.02	21.85	23.5			216	0	
22.84	22.90	22.89	22.86	22.83	24	DFT-S QPSK		1	1	
22.39	22.58	22.46	22.36	22.70	24			1	109	
22.72	22.75	22.61	22.34	22.36	24			1	215	
21.34	21.37	21.60	21.42	21.36	23			108	0	
22.68	22.80	22.63	22.36	22.68	24			108	55	
21.38	21.46	21.77	21.49	21.53	23			108	109	
21.61	21.34	21.74	21.69	21.38	23			216	0	
21.73	21.49	21.40	21.46	21.45	23	DFT-S 16QAM	1	1		
20.08	20.16	20.29	20.02	20.04	21.5	DFT-S 64QAM	1	1		
18.02	18.30	17.97	18.25	17.82	19.5	DFT-S 256QAM	1	1		
20.81	21.02	21.13	21.11	21.28	22.5	CP QPSK	1	1		

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
506202	512400	518598	524802	531000	Channel				
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)				
22.65	22.46	22.60	22.64	22.54	24	DFT-S $\pi/2$ BPSK	70MHz	1	1
22.62	22.60	22.34	22.34	22.37	24			1	95
22.43	22.38	22.79	22.34	22.79	24			1	187
21.87	22.17	21.88	22.10	22.13	23.5			90	0
22.57	22.49	22.70	22.47	22.65	24			90	50
22.09	21.85	21.87	22.26	22.22	23.5			90	99
22.18	22.01	22.08	21.99	22.27	23.5			180	0
22.86	22.86	22.80	22.81	22.80	24	DFT-S QPSK		1	1
22.35	22.60	22.33	22.68	22.42	24			1	95
22.66	22.58	22.61	22.60	22.53	24			1	187
21.64	21.31	21.57	21.32	21.58	23			90	0
22.34	22.76	22.38	22.46	22.34	24			90	50
21.32	21.78	21.66	21.50	21.33	23			90	99
21.79	21.39	21.55	21.45	21.77	23			180	0
21.30	21.31	21.80	21.34	21.61	23	DFT-S 16QAM	1	1	
19.89	20.03	20.20	19.89	20.16	21.5	DFT-S 64QAM	1	1	
17.85	17.93	18.06	17.82	18.29	19.5	DFT-S 256QAM	1	1	
21.06	21.20	21.25	20.99	20.92	22.5	CP QPSK	1	1	

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
22.43	22.42	22.55	22.54	22.62	24	DFT-S $\pi/2$ BPSK	60MHz	1	1	
22.47	22.40	22.46	22.67	22.45	24			1	81	
22.57	22.30	22.63	22.70	22.58	24			1	160	
22.15	22.19	21.91	22.28	21.82	23.5			81	0	
22.40	22.54	22.43	22.72	22.33	24			81	41	
22.19	22.02	22.27	22.06	21.80	23.5			81	81	
21.90	21.81	21.97	22.00	22.01	23.5			162	0	
22.90	22.84	22.90	22.81	22.82	24	DFT-S QPSK		1	1	
22.44	22.51	22.39	22.63	22.68	24			1	81	
22.49	22.39	22.44	22.47	22.75	24			1	160	
21.56	21.78	21.63	21.69	21.64	23			81	0	
22.41	22.56	22.39	22.66	22.58	24			81	41	
21.42	21.49	21.40	21.78	21.54	23			81	81	
21.39	21.36	21.77	21.42	21.31	23			162	0	
21.59	21.45	21.66	21.60	21.51	23	DFT-S 16QAM	1	1		
20.03	19.92	20.03	19.92	20.30	21.5	DFT-S 64QAM	1	1		
18.06	17.81	17.82	17.92	18.14	19.5	DFT-S 256QAM	1	1		
20.81	21.10	21.24	21.12	21.17	22.5	CP QPSK	1	1		

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
504204	511404	518598	525798	532998	Channel				
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)				
22.48	22.55	22.38	22.74	22.62	24	DFT-S $\pi/2$ BPSK	50MHz	1	1
22.63	22.70	22.75	22.55	22.55	24			1	67
22.51	22.48	22.58	22.50	22.66	24			1	131
21.85	22.10	21.87	21.98	21.87	23.5			64	0
22.76	22.73	22.78	22.38	22.65	24			64	35
21.99	21.89	22.12	22.24	21.87	23.5			64	69
22.30	22.20	22.21	21.90	22.23	23.5			128	0
22.89	22.87	22.84	22.85	22.89	24	DFT-S QPSK		1	1
22.57	22.76	22.65	22.73	22.47	24			1	67
22.45	22.73	22.64	22.41	22.65	24			1	131
21.72	21.45	21.47	21.52	21.79	23			64	0
22.69	22.69	22.53	22.69	22.65	24			64	35
21.72	21.57	21.36	21.79	21.64	23			64	69
21.41	21.60	21.59	21.58	21.30	23			128	0
21.44	21.43	21.44	21.71	21.63	23		1	1	
20.15	19.98	20.16	20.16	20.28	21.5	DFT-S 16QAM	1	1	
18.22	18.06	18.00	18.23	18.13	19.5	DFT-S 64QAM	1	1	
20.87	21.20	21.14	21.12	21.00	22.5	DFT-S 256QAM	1	1	
						CP QPSK	1	1	

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
503202	510900	518598	526296	534000	Channel					
2516.01	2554.5	2592.99	2631.48	2670	Frequency (MHz)					
22.78	22.34	22.38	22.52	22.42	24	DFT-S $\pi/2$ BPSK	40MHz	1	1	
22.49	22.76	22.57	22.75	22.65	24			1	53	
22.79	22.73	22.53	22.65	22.66	24			1	104	
22.19	22.27	22.10	21.96	21.94	23.5			50	0	
22.30	22.59	22.79	22.30	22.44	24			50	28	
21.96	22.23	22.10	21.92	22.13	23.5			50	56	
22.21	21.83	22.02	21.86	22.12	23.5			100	0	
22.85	22.83	22.80	22.89	22.80	24	DFT-S QPSK		1	1	
22.42	22.68	22.45	22.40	22.61	24			1	53	
22.42	22.76	22.42	22.67	22.31	24			1	104	
21.32	21.56	21.54	21.66	21.69	23			50	0	
22.30	22.65	22.52	22.38	22.36	24			50	28	
21.69	21.76	21.47	21.76	21.53	23			50	56	
21.43	21.74	21.72	21.48	21.78	23			100	0	
21.46	21.64	21.61	21.44	21.37	23	DFT-S 16QAM	1	1		
19.81	20.16	20.04	20.15	19.98	21.5	DFT-S 64QAM	1	1		
18.17	18.18	17.97	17.83	17.98	19.5	DFT-S 256QAM	1	1		
21.14	21.26	21.10	21.06	20.80	22.5	CP QPSK	1	1		



NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502200	510402	518598	526800	534996	Channel				
2511	2552.01	2592.99	2634	2674.98	Frequency (MHz)				
22.62	22.74	22.74	22.44	22.69	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
22.74	22.39	22.67	22.31	22.69	24			1	39
22.65	22.60	22.38	22.38	22.80	24			1	76
22.07	22.06	22.03	21.93	22.05	23.5			36	0
22.74	22.39	22.75	22.51	22.38	24			36	21
21.89	21.89	21.86	22.23	22.19	23.5			36	42
21.88	22.14	22.17	22.17	22.10	23.5			75	0
22.80	22.87	22.80	22.88	22.84	24	1		1	
22.38	22.54	22.63	22.55	22.30	24	1		39	
22.70	22.80	22.54	22.61	22.65	24	1		76	
21.37	21.42	21.67	21.77	21.57	23	DFT-S QPSK		36	0
22.65	22.41	22.34	22.39	22.59	24			36	21
21.35	21.30	21.31	21.58	21.52	23			36	42
21.58	21.41	21.74	21.63	21.43	23			75	0
21.47	21.58	21.38	21.44	21.37	23		1	1	
20.08	19.90	20.19	19.90	20.06	21.5	DFT-S 16QAM	1	1	
17.96	18.25	18.18	17.98	18.24	19.5	DFT-S 64QAM	1	1	
21.07	21.20	21.09	21.00	20.87	22.5	DFT-S 256QAM	1	1	
						CP QPSK	1	1	

NR Band n41 Ant 1										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501204	509898	518598	527298	535998	Channel					
2506.02	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
22.53	22.41	22.38	22.30	22.49	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
22.64	22.55	22.64	22.68	22.68	24			1	26	
22.41	22.56	22.79	22.63	22.77	24			1	49	
22.29	22.23	22.08	22.19	21.96	23.5			25	0	
22.70	22.51	22.30	22.32	22.68	24			25	13	
22.15	21.91	22.03	21.89	22.25	23.5			25	26	
22.00	22.26	22.23	22.23	22.04	23.5			50	0	
22.88	22.84	22.81	22.84	22.82	24	DFT-S QPSK		1	1	
22.39	22.39	22.34	22.48	22.66	24			1	26	
22.53	22.34	22.77	22.41	22.77	24			1	49	
21.79	21.41	21.42	21.67	21.50	23			25	0	
22.37	22.74	22.30	22.78	22.59	24			25	13	
21.52	21.63	21.35	21.77	21.80	23			25	26	
21.47	21.54	21.39	21.59	21.64	23			50	0	
21.68	21.35	21.65	21.36	21.50	23	DFT-S 16QAM	1	1		
19.80	20.30	20.00	19.92	20.07	21.5	DFT-S 64QAM	1	1		
17.91	17.92	18.17	18.15	18.29	19.5	DFT-S 256QAM	1	1		
21.24	20.99	21.14	20.96	20.81	22.5	CP QPSK	1	1		

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500700	509646	518598	527544	536496	Channel				
2503.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)				
22.51	22.79	22.72	22.76	22.69	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
22.76	22.51	22.55	22.40	22.64	24			1	19
22.69	22.63	22.50	22.80	22.57	24			1	36
22.17	22.23	22.18	22.27	21.86	23.5			18	0
22.30	22.33	22.43	22.74	22.37	24			18	10
22.05	22.24	22.01	22.02	22.19	23.5			18	20
22.01	21.88	21.95	22.30	22.02	23.5			36	0
22.86	22.90	22.84	22.86	22.81	24	1		1	
22.51	22.69	22.30	22.38	22.49	24	1		19	
22.52	22.46	22.53	22.76	22.75	24	1		36	
21.77	21.64	21.66	21.77	21.75	23	DFT-S QPSK		18	0
22.33	22.42	22.46	22.80	22.70	24			18	10
21.46	21.35	21.37	21.40	21.40	23			18	20
21.45	21.49	21.61	21.65	21.30	23			36	0
21.61	21.43	21.58	21.78	21.46	23		1	1	
20.21	20.07	20.04	20.29	20.21	21.5	DFT-S 16QAM	1	1	
17.95	18.10	18.17	17.97	17.96	19.5	DFT-S 64QAM	1	1	
21.12	20.93	20.89	21.00	21.15	22.5	DFT-S 256QAM	1	1	
						CP QPSK	1	1	

NR Band n41 Ant 1									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500202	509400	518598	527796	537000	Channel				
2501.01	2547	2592.99	2638.98	2685	Frequency (MHz)				
22.43	22.43	22.64	22.44	22.39	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
22.71	22.46	22.47	22.75	22.76	24			1	11
22.48	22.34	22.40	22.33	22.76	24			1	22
22.13	21.95	21.87	22.28	22.03	23.5			12	0
22.51	22.57	22.39	22.55	22.74	24			12	6
22.16	22.03	22.06	21.96	22.03	23.5			12	12
22.18	21.85	22.10	22.18	22.04	23.5			24	0
22.80	22.81	22.82	22.89	22.90	24	DFT-S QPSK		1	1
22.39	22.44	22.68	22.68	22.68	24			1	11
22.59	22.39	22.76	22.68	22.32	24			1	22
21.41	21.79	21.39	21.47	21.30	23			12	0
22.65	22.53	22.49	22.74	22.47	24			12	6
21.53	21.44	21.53	21.57	21.35	23			12	12
21.73	21.33	21.57	21.58	21.49	23			24	0
21.32	21.52	21.68	21.63	21.49	23	DFT-S 16QAM	1	1	
20.13	20.05	19.86	20.02	20.29	21.5	DFT-S 64QAM	1	1	
18.28	17.95	18.04	18.22	18.17	19.5	DFT-S 256QAM	1	1	
21.28	21.25	21.15	21.04	21.21	22.5	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
23.87	23.81	23.80	24	DFT-S $\pi/2$ BPSK	40MHz	1	1
23.77	23.81	23.78	24			1	53
23.79	23.80	23.75	24			1	104
23.21	23.37	23.37	23.5			50	0
23.95	23.95	23.75	24			50	28
23.28	23.44	23.33	23.5			50	56
23.26	23.39	23.31	23.5			100	0
23.95	23.99	23.98	24	DFT-S QPSK		1	1
23.75	23.97	23.77	24			1	53
23.84	23.78	23.88	24			1	104
22.83	22.94	22.91	23			50	0
23.80	23.85	23.86	24			50	28
22.76	22.96	22.77	23			50	56
22.88	22.96	22.87	23			100	0
22.86	22.92	22.76	23	DFT-S 16QAM	1	1	
21.44	21.42	21.29	21.5	DFT-S 64QAM	1	1	
19.21	19.28	19.27	19.5	DFT-S 256QAM	1	1	
22.39	22.25	22.29	22.5	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
23.86	23.71	23.79	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.69	23.79	23.73	24			1	39
23.77	23.72	23.73	24			1	76
23.11	23.31	23.27	23.5			36	0
23.91	23.85	23.67	24			36	21
23.19	23.42	23.28	23.5			36	42
23.21	23.31	23.26	23.5			75	0
23.90	23.95	23.90	24	1		1	
23.67	23.95	23.77	24	1		39	
23.79	23.73	23.81	24	1		76	
22.75	22.86	22.88	23	36		0	
23.80	23.85	23.78	24	36		21	
22.76	22.86	22.71	23	36		42	
22.79	22.86	22.85	23	75		0	
22.86	22.91	22.74	23	DFT-S 16QAM	1	1	
21.39	21.36	21.21	21.5	DFT-S 64QAM	1	1	
19.15	19.22	19.25	19.5	DFT-S 256QAM	1	1	
22.39	22.18	22.24	22.5	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516500	519000	521500	Channel				
2582.5	2595	2607.5	Frequency (MHz)				
23.68	23.63	23.73	24	DFT-S $\pi/2$ BPSK	25MHz	1	1
23.63	23.65	23.71	24			1	33
23.72	23.63	23.61	24			1	63
23.07	23.27	23.20	23.5			32	0
23.92	23.74	23.66	24			32	17
23.15	23.30	23.21	23.5			32	33
23.14	23.20	23.22	23.5			64	0
23.82	23.85	23.73	24	DFT-S QPSK		1	1
23.62	23.83	23.74	24			1	33
23.76	23.72	23.71	24			1	63
22.58	22.80	22.74	23			32	0
23.62	23.66	23.85	24			32	17
22.58	22.74	22.67	23			32	33
22.70	22.91	22.64	23			64	0
22.82	22.77	22.55	23	DFT-S 16QAM	1	1	
21.34	21.39	21.11	21.5	DFT-S 64QAM	1	1	
19.11	19.09	19.16	19.5	DFT-S 256QAM	1	1	
22.15	22.16	22.15	22.5	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
23.69	23.78	23.59	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.70	23.76	23.76	24			1	26
23.72	23.65	23.61	24			1	49
23.15	23.20	23.22	23.5			25	0
23.77	23.81	23.50	24			25	13
23.19	23.27	23.22	23.5			25	26
23.08	23.20	23.21	23.5			50	0
23.79	23.81	23.82	24	1		1	
23.61	23.85	23.65	24	1		26	
23.67	23.65	23.83	24	1		49	
22.72	22.84	22.74	23	DFT-S QPSK		25	0
23.72	23.72	23.75	24			25	13
22.65	22.73	22.68	23			25	26
22.72	22.84	22.70	23			50	0
22.83	22.81	22.64	23		1	1	
21.39	21.26	21.17	21.5		1	1	
19.10	19.10	19.16	19.5	DFT-S 256QAM	1	1	
22.17	22.14	22.21	22.5	CP QPSK	1	1	



NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515500	519000	522500	Channel				
2577.5	2595	2612.5	Frequency (MHz)				
23.74	23.69	23.78	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.55	23.68	23.68	24			1	19
23.59	23.61	23.54	24			1	36
23.15	23.33	23.30	23.5			18	0
23.80	23.77	23.71	24			18	10
23.16	23.30	23.18	23.5			18	20
23.22	23.21	23.14	23.5			36	0
23.83	23.82	23.88	24	DFT-S QPSK		1	1
23.70	23.90	23.73	24			1	19
23.77	23.63	23.68	24			1	36
22.72	22.79	22.79	23			18	0
23.71	23.73	23.66	24			18	10
22.63	22.79	22.62	23			18	20
22.75	22.87	22.80	23			36	0
22.77	22.77	22.73	23	DFT-S 16QAM	1	1	
21.25	21.32	21.16	21.5	DFT-S 64QAM	1	1	
19.04	19.17	19.11	19.5	DFT-S 256QAM	1	1	
22.24	22.11	22.28	22.5	CP QPSK	1	1	

NR Band n38 Ant 2							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
23.84	23.62	23.68	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.76	23.67	23.58	24			1	11
23.61	23.71	23.71	24			1	22
22.98	23.28	23.30	23.5			12	0
23.87	23.70	23.54	24			12	6
23.17	23.30	23.30	23.5			12	12
23.08	23.14	23.13	23.5			24	0
23.76	23.96	23.95	24	DFT-S QPSK		1	1
23.52	23.84	23.69	24			1	11
23.70	23.68	23.74	24			1	22
22.65	22.90	22.77	23			12	0
23.77	23.82	23.80	24			12	6
22.67	22.85	22.57	23			12	12
22.79	22.75	22.75	23			24	0
22.73	22.81	22.63	23	DFT-S 16QAM	1	1	
21.29	21.27	21.12	21.5	DFT-S 64QAM	1	1	
19.08	19.08	19.18	19.5	DFT-S 256QAM	1	1	
22.14	22.14	22.14	22.5	CP QPSK	1	1	

NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202	513900	518598	523302	528000	Channel				
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)				
23.41	23.14	23.21	23.42	23.46	24	DFT-S $\pi/2$ BPSK	100MHz	1	1
23.42	23.09	23.07	23.21	23.23	24			1	137
23.50	23.43	23.01	23.50	23.08	24			1	271
22.69	22.66	22.88	22.67	22.97	23.5			135	0
23.20	23.12	23.36	23.15	23.38	24			135	69
22.61	22.58	22.59	22.77	22.83	23.5			135	138
22.53	22.61	22.61	23.00	22.76	23.5			270	0
23.61	23.60	23.68	23.65	23.59	24	DFT-S QPSK		1	1
23.25	23.14	23.02	23.44	23.20	24			1	137
23.27	23.38	23.40	23.47	23.45	24			1	271
22.10	22.06	22.45	22.47	22.50	23			135	0
23.23	23.35	23.48	23.04	23.24	24			135	69
22.42	22.17	22.07	22.21	22.47	23			135	138
22.29	22.38	22.48	22.31	22.25	23			270	0
22.06	22.31	22.30	22.06	22.39	23	DFT-S 16QAM	1	1	
20.68	20.95	20.85	20.85	20.68	21.5	DFT-S 64QAM	1	1	
18.85	18.72	18.77	18.74	18.81	19.5	DFT-S 256QAM	1	1	
21.61	21.66	21.79	21.86	21.90	22.5	CP QPSK	1	1	

NR Band n41 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
508200	513402	518598	523800	528996	Channel					
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)					
23.45	23.18	23.47	23.50	23.47	24	DFT-S $\pi/2$ BPSK	90MHz	1	1	
23.21	23.03	23.43	23.37	23.47	24			1	123	
23.29	23.18	23.21	23.28	23.17	24			1	243	
22.71	22.80	22.99	22.96	22.84	23.5			120	0	
23.28	23.20	23.30	23.02	23.41	24			120	63	
22.65	22.93	22.89	22.61	22.84	23.5			120	125	
22.50	22.76	22.75	22.65	22.51	23.5			243	0	
23.60	23.61	23.52	23.57	23.65	24	DFT-S QPSK		1	1	
23.00	23.26	23.13	23.50	23.43	24			1	123	
23.21	23.44	23.17	23.17	23.05	24			1	243	
22.26	22.32	22.33	22.22	22.20	23			120	0	
23.26	23.18	23.13	23.02	23.43	24			120	63	
22.42	22.21	22.33	22.26	22.05	23			120	125	
22.49	22.08	22.03	22.38	22.39	23			243	0	
22.32	22.39	22.05	22.04	22.21	23	DFT-S 16QAM	1	1		
20.80	20.53	20.84	20.63	20.57	21.5	DFT-S 64QAM	1	1		
18.75	18.76	18.75	18.98	18.99	19.5	DFT-S 256QAM	1	1		
21.65	21.73	21.71	21.77	21.62	22.5	CP QPSK	1	1		

NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
507204	509304	518598	500298	529998	Channel				
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)				
23.26	23.39	23.35	23.43	23.25	24	DFT-S $\pi/2$ BPSK	80MHz	1	1
23.26	23.16	23.16	23.37	23.37	24			1	109
23.04	23.42	23.36	23.45	23.03	24			1	215
22.61	22.80	22.75	22.95	22.50	23.5			108	0
23.09	23.10	23.42	23.50	23.09	24			108	55
22.82	22.95	22.82	22.75	22.60	23.5			108	109
22.68	22.70	22.94	22.90	22.75	23.5			216	0
23.51	23.67	23.53	23.66	23.59	24	DFT-S QPSK		1	1
23.07	23.32	23.02	23.39	23.13	24			1	109
23.03	23.46	23.39	23.25	23.22	24			1	215
22.40	22.03	22.16	22.32	22.27	23			108	0
23.30	23.00	23.12	23.47	23.38	24			108	55
22.00	22.42	22.20	22.46	22.07	23			108	109
22.38	22.26	22.16	22.31	22.24	23			216	0
22.17	22.33	22.24	22.00	22.05	23	DFT-S 16QAM	1	1	
20.64	20.60	20.96	20.54	20.94	21.5	DFT-S 64QAM	1	1	
18.73	18.99	18.75	18.79	18.84	19.5	DFT-S 256QAM	1	1	
21.87	21.81	21.67	21.79	21.91	22.5	CP QPSK	1	1	

NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
506202	512400	518598	524802	531000	Channel				
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)				
23.13	23.45	23.26	23.26	23.21	24	DFT-S $\pi/2$ BPSK	70MHz	1	1
23.27	23.09	23.11	23.09	23.02	24			1	95
23.09	23.48	23.07	23.10	23.42	24			1	187
22.65	22.67	22.54	22.95	22.79	23.5			90	0
23.33	23.06	23.48	23.00	23.03	24			90	50
22.67	22.76	22.61	22.91	22.70	23.5			90	99
22.60	22.76	22.94	22.99	22.50	23.5			180	0
23.59	23.60	23.59	23.62	23.63	24	DFT-S QPSK		1	1
23.47	23.15	23.46	23.29	23.34	24			1	95
23.27	23.14	23.44	23.31	23.41	24			1	187
22.50	22.04	22.26	22.07	22.40	23			90	0
23.18	23.40	23.37	23.15	23.31	24			90	50
22.17	22.21	22.29	22.29	22.39	23			90	99
22.17	22.48	22.30	22.21	22.47	23			180	0
22.22	22.47	22.31	22.22	22.39	23		DFT-S 16QAM	1	1
20.79	20.92	21.00	20.91	20.99	21.5	DFT-S 64QAM	1	1	
18.90	18.97	18.64	18.60	18.73	19.5	DFT-S 256QAM	1	1	
21.56	21.93	21.85	21.77	21.95	22.5	CP QPSK	1	1	

NR Band n41 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
23.30	23.10	23.09	23.39	23.19	24	DFT-S $\pi/2$ BPSK	60MHz	1	1	
23.36	23.04	23.17	23.13	23.49	24			1	81	
23.05	23.50	23.10	23.06	23.25	24			1	160	
22.92	22.83	22.63	22.74	22.76	23.5			81	0	
23.06	23.17	23.16	23.25	23.00	24			81	41	
22.68	22.73	22.73	22.87	22.87	23.5			81	81	
22.92	22.56	22.52	22.62	22.81	23.5			162	0	
23.55	23.54	23.58	23.51	23.54	24	DFT-S QPSK		1	1	
23.26	23.49	23.12	23.05	23.07	24			1	81	
23.29	23.08	23.14	23.46	23.28	24			1	160	
22.47	22.32	22.35	22.19	22.12	23			81	0	
23.30	23.14	23.18	23.14	23.34	24			81	41	
22.10	22.46	22.00	22.40	22.08	23			81	81	
22.04	22.09	22.31	22.05	22.32	23			162	0	
22.35	22.12	22.19	22.04	22.24	23	DFT-S 16QAM	1	1		
20.95	20.81	20.97	20.68	20.63	21.5	DFT-S 64QAM	1	1		
18.92	18.81	18.71	18.70	18.83	19.5	DFT-S 256QAM	1	1		
21.73	21.98	21.89	21.99	21.58	22.5	CP QPSK	1	1		

NR Band n41 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
504204	511404	518598	525798	532998	Channel					
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)					
23.45	23.06	23.08	23.09	23.49	24	DFT-S $\pi/2$ BPSK	50MHz	1	1	
23.15	23.41	23.27	23.03	23.28	24			1	67	
23.35	23.49	23.17	23.13	23.38	24			1	131	
22.65	22.76	22.90	22.64	22.50	23.5			64	0	
23.28	23.28	23.25	23.19	23.44	24			64	35	
22.75	22.58	22.66	22.96	22.57	23.5			64	69	
22.80	22.85	22.96	22.61	22.88	23.5			128	0	
23.53	23.53	23.66	23.52	23.57	24	DFT-S QPSK		1	1	
23.05	23.41	23.49	23.36	23.32	24			1	67	
23.17	23.45	23.32	23.25	23.50	24			1	131	
22.27	22.24	22.06	22.14	22.37	23			64	0	
23.10	23.43	23.13	23.34	23.11	24			64	35	
22.36	22.13	22.48	22.39	22.43	23			64	69	
22.29	22.41	22.33	22.48	22.00	23			128	0	
22.21	22.15	22.20	22.31	22.42	23	DFT-S 16QAM	1	1		
20.98	20.86	20.66	20.76	20.50	21.5	DFT-S 64QAM	1	1		
18.73	18.82	18.94	18.89	18.97	19.5	DFT-S 256QAM	1	1		
22.00	21.79	21.68	21.81	21.79	22.5	CP QPSK	1	1		



NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
503202	510900	518598	526296	534000	Channel				
2516.01	2554.5	2592.99	2631.48	2670	Frequency (MHz)				
23.04	23.01	23.18	23.50	23.22	24	DFT-S $\pi/2$ BPSK	40MHz	1	1
23.21	23.03	23.47	23.27	23.40	24			1	53
23.30	23.10	23.18	23.28	23.47	24			1	104
22.90	22.64	22.80	22.73	22.96	23.5			50	0
23.23	23.46	23.04	23.42	23.25	24			50	28
22.65	22.84	22.66	23.00	22.76	23.5			50	56
22.57	22.71	22.61	22.65	22.75	23.5			100	0
23.54	23.67	23.64	23.59	23.53	24	DFT-S QPSK		1	1
23.03	23.06	23.34	23.25	23.29	24			1	53
23.19	23.18	23.19	23.34	23.09	24			1	104
22.05	22.19	22.31	22.32	22.30	23			50	0
23.12	23.45	23.48	23.23	23.35	24			50	28
22.20	22.05	22.02	22.17	22.44	23			50	56
22.42	22.04	22.33	22.11	22.41	23			100	0
22.50	22.08	22.40	22.27	22.34	23	DFT-S 16QAM	1	1	
20.90	20.99	20.63	21.00	20.54	21.5	DFT-S 64QAM	1	1	
18.67	18.64	18.71	18.67	18.59	19.5	DFT-S 256QAM	1	1	
21.62	21.70	21.73	21.67	21.95	22.5	CP QPSK	1	1	

NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502200	510402	518598	526800	534996	Channel				
2511	2552.01	2592.99	2634	2674.98	Frequency (MHz)				
23.22	23.00	23.38	23.04	23.34	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.39	23.27	23.22	23.44	23.07	24			1	39
23.43	23.02	23.47	23.21	23.37	24			1	76
22.75	22.53	22.71	22.92	22.98	23.5			36	0
23.34	23.35	23.05	23.40	23.02	24			36	21
22.69	22.85	22.97	22.74	22.63	23.5			36	42
22.90	22.56	22.73	22.75	22.80	23.5			75	0
23.67	23.56	23.62	23.67	23.53	24	DFT-S QPSK		1	1
23.16	23.14	23.03	23.38	23.28	24			1	39
23.08	23.04	23.14	23.38	23.12	24			1	76
22.37	22.13	22.18	22.40	22.11	23			36	0
23.06	23.49	23.07	23.06	23.14	24			36	21
22.37	22.29	22.38	22.09	22.42	23			36	42
22.17	22.43	22.39	22.36	22.42	23			75	0
22.33	22.43	22.09	22.31	22.47	23	DFT-S 16QAM	1	1	
20.82	20.67	20.63	20.62	20.98	21.5	DFT-S 64QAM	1	1	
18.82	18.51	18.83	18.67	18.86	19.5	DFT-S 256QAM	1	1	
21.77	21.59	21.86	21.83	21.90	22.5	CP QPSK	1	1	

NR Band n41 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501204	509898	518598	527298	535998	Channel					
2506.02	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
23.05	23.23	23.04	23.33	23.21	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.33	23.22	23.33	23.03	23.06	24			1	26	
23.29	23.11	23.09	23.10	23.19	24			1	49	
22.52	22.94	22.86	22.67	22.65	23.5			25	0	
23.19	23.30	23.34	23.04	23.36	24			25	13	
22.90	22.83	22.54	22.51	22.76	23.5			25	26	
22.72	23.00	22.86	22.75	22.72	23.5			50	0	
23.63	23.66	23.60	23.51	23.66	24	DFT-S QPSK	20MHz	1	1	
23.25	23.16	23.45	23.10	23.22	24			1	26	
23.18	23.37	23.28	23.12	23.06	24			1	49	
22.19	22.26	22.03	22.24	22.13	23			25	0	
23.39	23.30	23.28	23.04	23.01	24			25	13	
22.39	22.35	22.32	22.21	22.07	23			25	26	
22.03	22.27	22.04	22.35	22.24	23			50	0	
22.13	22.44	22.46	22.31	22.08	23	DFT-S 16QAM	1	1		
20.77	20.91	20.74	20.57	20.98	21.5	DFT-S 64QAM	1	1		
19.00	18.64	18.50	18.75	18.52	19.5	DFT-S 256QAM	1	1		
21.54	21.68	21.71	21.62	21.90	22.5	CP QPSK	1	1		

NR Band n41 Ant 2										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
500700	509646	518598	527544	536496	Channel					
2503.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)					
23.37	23.21	23.31	23.07	23.10	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.47	23.39	23.39	23.13	23.12	24			1	19	
23.15	23.24	23.22	23.01	23.08	24			1	36	
22.67	22.89	22.73	22.59	22.91	23.5			18	0	
23.46	23.13	23.07	23.37	23.45	24			18	10	
22.80	22.84	22.68	22.89	22.74	23.5			18	20	
22.92	22.89	22.64	22.75	22.85	23.5			36	0	
23.51	23.59	23.50	23.58	23.67	24	DFT-S QPSK		1	1	
23.32	23.05	23.34	23.41	23.25	24			1	19	
23.40	23.09	23.02	23.37	23.17	24			1	36	
22.34	22.28	22.18	22.30	22.34	23			18	0	
23.35	23.49	23.32	23.37	23.00	24			18	10	
22.35	22.20	22.05	22.30	22.44	23			18	20	
22.23	22.28	22.30	22.24	22.16	23			36	0	
22.02	22.04	22.06	22.01	22.07	23	DFT-S 16QAM	1	1		
20.63	20.96	20.93	20.51	20.68	21.5	DFT-S 64QAM	1	1		
18.79	18.83	18.64	18.64	18.80	19.5	DFT-S 256QAM	1	1		
21.55	21.72	21.53	21.84	21.91	22.5	CP QPSK	1	1		

NR Band n41 Ant 2									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500202	509400	518598	527796	537000	Channel				
2501.01	2547	2592.99	2638.98	2685	Frequency (MHz)				
23.07	23.41	23.00	23.23	23.46	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.11	23.45	23.12	23.22	23.13	24			1	11
23.13	23.40	23.04	23.11	23.39	24			1	22
22.69	22.67	22.83	22.97	22.53	23.5			12	0
23.44	23.06	23.35	23.06	23.47	24			12	6
22.95	22.97	22.96	22.56	22.71	23.5			12	12
22.88	22.61	22.55	23.00	22.91	23.5			24	0
23.57	23.62	23.64	23.63	23.57	24	DFT-S QPSK		1	1
23.20	23.21	23.00	23.07	23.12	24			1	11
23.01	23.41	23.46	23.08	23.29	24			1	22
22.46	22.29	22.05	22.10	22.07	23			12	0
23.06	23.14	23.33	23.37	23.43	24			12	6
22.39	22.08	22.42	22.03	22.21	23			12	12
22.07	22.23	22.15	22.29	22.11	23			24	0
22.20	22.41	22.03	22.44	22.45	23	DFT-S 16QAM	1	1	
21.00	20.76	20.72	20.72	20.99	21.5	DFT-S 64QAM	1	1	
18.81	18.96	18.66	18.64	18.78	19.5	DFT-S 256QAM	1	1	
21.50	21.77	21.89	21.56	21.68	22.5	CP QPSK	1	1	

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
518000	519000	520000	Channel				
2590	2595	2600	Frequency (MHz)				
23.68	23.62	23.39	24	DFT-S $\pi/2$ BPSK	40MHz	1	1
23.73	23.67	23.48	24			1	53
23.73	23.62	23.47	24			1	104
23.27	23.14	23.07	23.5			50	0
23.77	23.73	23.53	24			50	28
23.27	23.15	23.24	23.5			50	56
23.28	23.13	23.00	23.5			100	0
23.85	23.93	23.87	24	DFT-S QPSK		1	1
23.72	23.65	23.42	24			1	53
23.80	23.70	23.68	24			1	104
22.74	22.62	22.65	23			50	0
23.77	23.72	23.68	24			50	28
22.78	22.69	22.68	23			50	56
22.77	22.67	22.88	23			100	0
22.77	22.63	22.38	23	DFT-S 16QAM	1	1	
21.19	21.20	20.96	21.5	DFT-S 64QAM	1	1	
19.26	19.24	19.37	19.5	DFT-S 256QAM	1	1	
22.20	22.19	21.99	22.5	CP QPSK	1	1	

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
517000	519000	521000	Channel				
2585	2595	2605	Frequency (MHz)				
23.67	23.52	23.38	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.64	23.62	23.43	24			1	39
23.68	23.60	23.47	24			1	76
23.18	23.07	22.98	23.5			36	0
23.75	23.69	23.48	24			36	21
23.18	23.15	23.18	23.5			36	42
23.27	23.07	22.97	23.5			75	0
23.77	23.84	23.86	24	DFT-S QPSK		1	1
23.67	23.65	23.32	24			1	39
23.78	23.70	23.68	24			1	76
22.67	22.56	22.58	23			36	0
23.69	23.72	23.58	24			36	21
22.75	22.67	22.64	23			36	42
22.75	22.64	22.87	23			75	0
22.72	22.60	22.30	23	DFT-S 16QAM	1	1	
21.09	21.15	20.93	21.5	DFT-S 64QAM	1	1	
19.18	19.14	19.30	19.5	DFT-S 256QAM	1	1	
22.19	22.19	21.89	22.5	CP QPSK	1	1	

NR Band n38 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
516500	519000	521500	Channel					
2582.5	2595	2607.5	Frequency (MHz)					
23.64	23.62	23.34	24	DFT-S $\pi/2$ BPSK	25MHz	1	1	
23.73	23.60	23.42	24			1	33	
23.64	23.52	23.45	24			1	63	
23.26	23.12	22.99	23.5			32	0	
23.74	23.67	23.53	24			32	17	
23.20	23.12	23.16	23.5			32	33	
23.27	23.06	22.97	23.5			64	0	
23.75	23.86	23.92	24	DFT-S QPSK		1	1	
23.72	23.65	23.35	24			1	33	
23.70	23.66	23.60	24			1	63	
22.66	22.53	22.59	23			32	0	
23.68	23.70	23.63	24			32	17	
22.72	22.66	22.58	23			32	33	
22.72	22.59	22.84	23			64	0	
22.68	22.54	22.38	23	DFT-S 16QAM	1	1		
21.12	21.19	20.95	21.5	DFT-S 64QAM	1	1		
19.20	19.15	19.32	19.5	DFT-S 256QAM	1	1		
22.14	22.14	21.96	22.5	CP QPSK	1	1		



NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
516000	519000	522000	Channel				
2580	2595	2610	Frequency (MHz)				
23.59	23.57	23.33	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.63	23.58	23.45	24			1	26
23.65	23.61	23.46	24			1	49
23.26	23.13	23.03	23.5			25	0
23.75	23.63	23.52	24			25	13
23.21	23.07	23.17	23.5			25	26
23.19	23.06	22.92	23.5			50	0
23.80	23.81	23.91	24	DFT-S QPSK		1	1
23.64	23.61	23.38	24			1	26
23.72	23.65	23.68	24			1	49
22.74	22.62	22.61	23			25	0
23.68	23.66	23.66	24			25	13
22.76	22.63	22.64	23			25	26
22.75	22.58	22.80	23			50	0
22.68	22.58	22.35	23	DFT-S 16QAM	1	1	
21.10	21.15	20.93	21.5	DFT-S 64QAM	1	1	
19.22	19.18	19.29	19.5	DFT-S 256QAM	1	1	
22.18	22.14	21.89	22.5	CP QPSK	1	1	

NR Band n38 Ant 3								
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
515500	519000	522500	Channel					
2577.5	2595	2612.5	Frequency (MHz)					
23.60	23.52	23.34	24	DFT-S $\pi/2$ BPSK	15MHz	1	1	
23.71	23.66	23.39	24			1	19	
23.72	23.53	23.46	24			1	36	
23.27	23.05	22.98	23.5			18	0	
23.67	23.68	23.50	24			18	10	
23.19	23.07	23.17	23.5			18	20	
23.27	23.10	22.97	23.5			36	0	
23.81	23.78	23.91	24	DFT-S QPSK		1	1	
23.71	23.65	23.32	24			1	19	
23.78	23.69	23.67	24			1	36	
22.65	22.53	22.64	23			18	0	
23.77	23.68	23.64	24			18	10	
22.74	22.63	22.65	23			18	20	
22.72	22.58	22.80	23			36	0	
22.74	22.55	22.33	23	DFT-S 16QAM	1	1		
21.10	21.12	20.87	21.5	DFT-S 64QAM	1	1		
19.19	19.14	19.37	19.5	DFT-S 256QAM	1	1		
22.12	22.10	21.94	22.5	CP QPSK	1	1		

NR Band n38 Ant 3							
Maximum Average Power (dBm)			Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
515000	519000	523000	Channel				
2575	2595	2615	Frequency (MHz)				
23.66	23.58	23.36	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.66	23.61	23.44	24			1	11
23.71	23.61	23.41	24			1	22
23.17	23.08	23.07	23.5			12	0
23.77	23.70	23.44	24			12	6
23.27	23.11	23.20	23.5			12	12
23.28	23.03	22.90	23.5			24	0
23.75	23.84	23.83	24	DFT-S QPSK		1	1
23.66	23.62	23.37	24			1	11
23.79	23.65	23.61	24			1	22
22.67	22.52	22.60	23			12	0
23.76	23.66	23.65	24			12	6
22.70	22.63	22.66	23			12	12
22.71	22.63	22.80	23			24	0
22.76	22.59	22.35	23	DFT-S 16QAM	1	1	
21.11	21.18	20.93	21.5	DFT-S 64QAM	1	1	
19.16	19.15	19.32	19.5	DFT-S 256QAM	1	1	
22.15	22.10	21.98	22.5	CP QPSK	1	1	

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
509202	513900	518598	523302	528000	Channel				
2546.01	2569.5	2592.99	2616.51	2640	Frequency (MHz)				
23.38	23.15	23.15	23.24	23.13	24	DFT-S $\pi/2$ BPSK	100MHz	1	1
23.45	23.46	23.13	23.15	23.14	24			1	137
23.05	23.15	23.43	23.50	23.18	24			1	271
22.51	22.88	22.98	22.57	22.57	23.5			135	0
23.04	23.44	23.18	23.41	23.47	24			135	69
22.64	22.82	22.50	22.77	22.54	23.5			135	138
22.74	22.91	22.56	22.61	22.51	23.5			270	0
23.58	23.62	23.67	23.63	23.55	24	DFT-S QPSK		1	1
23.33	23.49	23.22	23.24	23.31	24			1	137
23.43	23.05	23.34	23.36	23.27	24			1	271
22.18	22.50	22.04	22.06	22.25	23			135	0
23.27	23.29	23.36	23.31	23.23	24			135	69
22.43	22.22	22.49	22.40	22.04	23			135	138
22.23	22.21	22.41	22.39	22.33	23			270	0
22.20	22.30	22.18	22.22	22.10	23	DFT-S 16QAM	1	1	
20.92	20.67	20.56	20.64	20.78	21.5	DFT-S 64QAM	1	1	
18.82	18.59	18.73	18.78	18.82	19.5	DFT-S 256QAM	1	1	
21.86	21.52	21.93	21.84	21.78	22.5	CP QPSK	1	1	

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
508200	513402	518598	523800	528996	Channel				
2541	2567.01	2592.99	2619	2644.98	Frequency (MHz)				
23.06	23.37	23.00	23.09	23.46	24	DFT-S $\pi/2$ BPSK	90MHz	1	1
23.25	23.01	23.26	23.07	23.09	24			1	123
23.27	23.20	23.16	23.48	23.35	24			1	243
22.67	22.52	22.60	22.52	22.89	23.5			120	0
23.03	23.06	23.14	23.43	23.01	24			120	63
22.69	22.95	22.97	22.59	22.78	23.5			120	125
22.75	22.86	22.63	22.59	22.78	23.5			243	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.09	23.42	23.42	23.32	23.37	24			1	123
23.05	23.00	23.50	23.39	23.26	24			1	243
22.44	22.04	22.04	22.01	22.41	23			120	0
23.49	23.18	23.25	23.40	23.17	24			120	63
22.05	22.45	22.20	22.12	22.09	23			120	125
22.08	22.17	22.22	22.50	22.17	23			243	0
22.44	22.36	22.34	22.15	22.43	23	DFT-S 16QAM	1	1	
20.67	20.50	20.53	20.76	20.71	21.5	DFT-S 64QAM	1	1	
18.80	18.62	18.87	18.84	19.00	19.5	DFT-S 256QAM	1	1	
21.54	21.82	21.53	21.73	21.83	22.5	CP QPSK	1	1	

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
507204	509304	518598	500298	529998	Channel				
2536.02	2546.52	2592.99	2621.49	2649.99	Frequency (MHz)				
23.20	23.27	23.18	23.35	23.25	24	DFT-S $\pi/2$ BPSK	80MHz	1	1
23.12	23.08	23.09	23.06	23.12	24			1	109
23.32	23.20	23.33	23.20	23.17	24			1	215
22.84	22.62	22.85	22.79	22.60	23.5			108	0
23.16	23.33	23.40	23.24	23.22	24			108	55
22.72	22.99	22.68	22.76	22.90	23.5			108	109
22.76	22.84	22.80	22.87	22.57	23.5			216	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.46	23.01	23.09	23.12	23.20	24			1	109
23.21	23.05	23.27	23.25	23.00	24			1	215
22.36	22.39	22.03	22.46	22.13	23			108	0
23.30	23.21	23.45	23.38	23.39	24			108	55
22.12	22.16	22.10	22.13	22.26	23			108	109
22.15	22.03	22.50	22.15	22.09	23			216	0
22.14	22.27	22.37	22.33	22.16	23	DFT-S 16QAM	1	1	
20.74	20.77	20.59	20.62	20.58	21.5	DFT-S 64QAM	1	1	
18.54	18.56	18.99	18.55	18.75	19.5	DFT-S 256QAM	1	1	
21.52	21.59	21.89	21.57	21.50	22.5	CP QPSK	1	1	

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
506202	512400	518598	524802	531000	Channel				
2531.01	2562	2592.99	2624.01	2655	Frequency (MHz)				
23.39	23.28	23.01	23.32	23.21	24	DFT-S $\pi/2$ BPSK	70MHz	1	1
23.50	23.48	23.19	23.30	23.37	24			1	95
23.16	23.25	23.23	23.20	23.42	24			1	187
22.99	22.92	22.89	22.61	22.93	23.5			90	0
23.42	23.22	23.08	23.16	23.17	24			90	50
22.78	22.89	22.51	22.58	22.66	23.5			90	99
22.91	22.51	22.94	22.77	22.61	23.5			180	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.45	23.34	23.27	23.25	23.33	24			1	95
23.34	23.49	23.42	23.11	23.22	24			1	187
22.40	22.39	22.39	22.08	22.02	23			90	0
23.43	23.11	23.41	23.16	23.24	24			90	50
22.19	22.22	22.33	22.05	22.49	23			90	99
22.15	22.16	22.50	22.30	22.00	23			180	0
22.45	22.10	22.14	22.32	22.40	23	DFT-S 16QAM	1	1	
20.68	20.91	20.65	20.51	20.77	21.5	DFT-S 64QAM	1	1	
18.90	18.64	18.90	18.62	18.79	19.5	DFT-S 256QAM	1	1	
21.51	21.69	21.91	21.73	21.74	22.5	CP QPSK	1	1	

NR Band n41 Ant 3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
505200	511896	518598	525294	531996	Channel					
2526	2559.48	2592.99	2626.48	2659.98	Frequency (MHz)					
23.48	23.45	23.40	23.08	23.26	24	DFT-S $\pi/2$ BPSK	60MHz	1	1	
23.29	23.14	23.21	23.23	23.06	24			1	81	
23.14	23.41	23.29	23.32	23.12	24			1	160	
22.58	22.78	22.63	22.87	22.81	23.5			81	0	
23.38	23.05	23.26	23.34	23.35	24			81	41	
22.53	22.65	22.56	22.54	22.84	23.5			81	81	
22.87	22.88	22.70	22.56	22.71	23.5			162	0	
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1	
23.19	23.07	23.40	23.25	23.13	24			1	81	
23.08	23.00	23.32	23.01	23.15	24			1	160	
22.31	22.01	22.23	22.49	22.19	23			81	0	
23.31	23.35	23.15	23.46	23.09	24			81	41	
22.38	22.29	22.01	22.21	22.28	23			81	81	
22.33	22.43	22.33	22.43	22.39	23			162	0	
22.00	22.13	22.14	22.13	22.02	23	DFT-S 16QAM	1	1		
20.88	20.83	20.54	20.65	20.97	21.5	DFT-S 64QAM	1	1		
18.67	18.86	18.69	18.57	18.73	19.5	DFT-S 256QAM	1	1		
21.62	21.78	21.70	21.57	21.64	22.5	CP QPSK	1	1		



NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
504204	511404	518598	525798	532998	Channel				
2521.02	2557.02	2592.99	2628.99	2664.99	Frequency (MHz)				
23.15	23.10	23.23	23.08	23.36	24	DFT-S $\pi/2$ BPSK	50MHz	1	1
23.23	23.26	23.07	23.31	23.12	24			1	67
23.08	23.31	23.44	23.43	23.35	24			1	131
22.87	22.86	22.65	22.57	22.88	23.5			64	0
23.10	23.28	23.07	23.40	23.41	24			64	35
22.75	22.71	22.75	22.65	22.58	23.5			64	69
22.61	22.64	22.52	22.65	22.75	23.5			128	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.29	23.11	23.23	23.15	23.26	24			1	67
23.01	23.19	23.37	23.44	23.14	24			1	131
22.09	22.00	22.28	22.11	22.20	23			64	0
23.44	23.16	23.15	23.14	23.43	24			64	35
22.39	22.18	22.04	22.22	22.17	23			64	69
22.45	22.30	22.40	22.40	22.39	23			128	0
22.27	22.05	22.47	22.47	22.36	23	DFT-S 16QAM	1	1	
20.93	20.63	21.00	20.95	20.68	21.5	DFT-S 64QAM	1	1	
18.96	18.87	18.60	18.54	18.71	19.5	DFT-S 256QAM	1	1	
21.68	21.72	21.61	21.78	21.54	22.5	CP QPSK	1	1	

NR Band n41 Ant 3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
503202	510900	518598	526296	534000	Channel					
2516.01	2554.5	2592.99	2631.48	2670	Frequency (MHz)					
23.13	23.24	23.41	23.37	23.23	24	DFT-S $\pi/2$ BPSK	40MHz	1	1	
23.17	23.18	23.17	23.13	23.33	24			1	53	
23.04	23.26	23.11	23.34	23.48	24			1	104	
22.65	22.74	22.64	22.90	22.99	23.5			50	0	
23.46	23.03	23.20	23.12	23.23	24			50	28	
22.83	22.51	22.62	22.57	22.94	23.5			50	56	
22.58	22.77	22.69	22.66	22.84	23.5			100	0	
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1	
23.25	23.26	23.19	23.25	23.25	24			1	53	
23.11	23.46	23.17	23.32	23.49	24			1	104	
22.23	22.34	22.04	22.14	22.22	23			50	0	
23.08	23.29	23.02	23.47	23.40	24			50	28	
22.37	22.23	22.10	22.14	22.49	23			50	56	
22.20	22.25	22.26	22.50	22.17	23			100	0	
22.22	22.41	22.44	22.24	22.17	23	DFT-S 16QAM	1	1		
20.56	20.51	20.87	20.76	20.63	21.5	DFT-S 64QAM	1	1		
18.89	18.65	18.92	18.51	18.63	19.5	DFT-S 256QAM	1	1		
21.92	21.99	21.91	21.73	21.63	22.5	CP QPSK	1	1		

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
502200	510402	518598	526800	534996	Channel				
2511	2552.01	2592.99	2634	2674.98	Frequency (MHz)				
23.47	23.48	23.45	23.32	23.40	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.44	23.44	23.09	23.35	23.37	24			1	39
23.00	23.25	23.32	23.18	23.31	24			1	76
22.96	22.69	22.78	22.87	22.91	23.5			36	0
23.42	23.02	23.35	23.45	23.35	24			36	21
22.55	22.68	22.51	22.65	22.92	23.5			36	42
22.92	22.67	22.90	22.61	22.55	23.5			75	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.28	23.11	23.40	23.12	23.38	24			1	39
23.31	23.05	23.19	23.07	23.29	24			1	76
22.24	22.15	22.24	22.01	22.20	23			36	0
23.48	23.21	23.23	23.21	23.20	24			36	21
22.29	22.28	22.44	22.38	22.07	23			36	42
22.49	22.41	22.49	22.06	22.15	23			75	0
22.13	22.41	22.28	22.19	22.49	23	DFT-S 16QAM	1	1	
20.63	20.91	20.77	20.57	20.97	21.5	DFT-S 64QAM	1	1	
18.82	18.88	18.52	18.94	18.94	19.5	DFT-S 256QAM	1	1	
21.86	21.70	21.57	21.87	21.56	22.5	CP QPSK	1	1	

NR Band n41 Ant 3										
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
501204	509898	518598	527298	535998	Channel					
2506.02	2549.49	2592.99	2636.49	2679.99	Frequency (MHz)					
23.09	23.25	23.23	23.14	23.29	24	DFT-S $\pi/2$ BPSK	20MHz	1	1	
23.28	23.46	23.36	23.00	23.15	24			1	26	
23.18	23.06	23.15	23.40	23.04	24			1	49	
22.79	22.63	22.84	22.75	22.58	23.5			25	0	
23.44	23.29	23.01	23.31	23.07	24			25	13	
22.60	22.79	22.54	22.69	22.85	23.5			25	26	
22.50	22.60	22.86	22.50	22.72	23.5			50	0	
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1	
23.18	23.09	23.23	23.40	23.01	24			1	26	
23.31	23.16	23.17	23.23	23.43	24			1	49	
22.30	22.19	22.05	22.18	22.24	23			25	0	
23.23	23.27	23.01	23.20	23.32	24			25	13	
22.34	22.33	22.46	22.12	22.47	23			25	26	
22.26	22.26	22.38	22.45	22.10	23			50	0	
22.23	22.13	22.10	22.08	22.13	23	DFT-S 16QAM	1	1		
20.66	20.63	20.94	20.87	20.73	21.5	DFT-S 64QAM	1	1		
18.70	18.69	18.77	18.98	18.84	19.5	DFT-S 256QAM	1	1		
21.94	21.61	21.85	21.81	22.00	22.5	CP QPSK	1	1		

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500700	509646	518598	527544	536496	Channel				
2503.5	2548.23	2592.99	2637.72	2682.48	Frequency (MHz)				
23.13	23.00	23.49	23.08	23.33	24	DFT-S $\pi/2$ BPSK	15MHz	1	1
23.24	23.08	23.19	23.05	23.26	24			1	19
23.24	23.18	23.29	23.04	23.38	24			1	36
22.93	22.57	22.68	22.78	22.81	23.5			18	0
23.38	23.21	23.42	23.11	23.30	24			18	10
22.91	22.91	22.95	22.89	22.65	23.5			18	20
22.84	22.78	22.98	22.98	22.59	23.5			36	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.46	23.21	23.40	23.19	23.00	24			1	19
23.48	23.47	23.01	23.31	23.26	24			1	36
22.20	22.37	22.34	22.49	22.15	23			18	0
23.10	23.23	23.14	23.20	23.13	24			18	10
22.38	22.08	22.34	22.46	22.43	23			18	20
22.07	22.13	22.38	22.43	22.28	23			36	0
22.06	22.02	22.17	22.37	22.35	23	DFT-S 16QAM	1	1	
20.68	20.60	20.73	20.64	20.72	21.5	DFT-S 64QAM	1	1	
18.98	18.99	18.96	18.77	18.97	19.5	DFT-S 256QAM	1	1	
21.82	21.99	21.82	21.57	21.71	22.5	CP QPSK	1	1	

NR Band n41 Ant 3									
Maximum Average Power (dBm)					Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
500202	509400	518598	527796	537000	Channel				
2501.01	2547	2592.99	2638.98	2685	Frequency (MHz)				
23.26	23.00	23.36	23.49	23.22	24	DFT-S $\pi/2$ BPSK	10MHz	1	1
23.16	23.05	23.45	23.34	23.37	24			1	11
23.08	23.43	23.06	23.44	23.46	24			1	22
22.78	22.78	22.84	22.63	22.56	23.5			12	0
23.36	23.23	23.44	23.16	23.11	24			12	6
22.81	22.95	22.93	22.80	22.89	23.5			12	12
22.60	22.54	22.54	22.69	22.60	23.5			24	0
23.50	23.50	23.50	23.50	23.50	24	DFT-S QPSK		1	1
23.22	23.49	23.09	23.34	23.45	24			1	11
23.01	23.32	23.25	23.36	23.18	24			1	22
22.33	22.29	22.38	22.12	22.05	23			12	0
23.34	23.40	23.20	23.46	23.45	24			12	6
22.13	22.20	22.20	22.07	22.00	23			12	12
22.35	22.01	22.33	22.01	22.09	23			24	0
22.34	22.37	22.47	22.37	22.28	23	DFT-S 16QAM	1	1	
20.55	20.99	20.57	20.50	20.90	21.5	DFT-S 64QAM	1	1	
18.92	18.68	18.69	18.94	18.98	19.5	DFT-S 256QAM	1	1	
21.79	21.83	21.51	21.66	21.88	22.5	CP QPSK	1	1	

NR Band n48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
18.56	18.54	18.60	18.65	19	DFT-S $\pi/2$ BPSK	40MHz	1	1
18.67	18.52	18.54	18.61	19			1	53
18.67	18.62	18.53	18.68	19			1	104
18.07	18.06	18.08	17.99	18.5			50	0
18.48	18.60	18.56	18.49	19			50	28
18.06	18.09	18.05	17.98	18.5			50	56
18.07	18.11	18.11	18.16	18.5			100	0
18.92	18.95	18.81	18.89	19	DFT-S QPSK		1	1
18.67	18.66	18.64	18.68	19			1	53
18.62	18.68	18.48	18.65	19			1	104
17.57	17.54	17.50	17.54	18			50	0
18.65	18.67	18.56	18.66	19			50	28
17.51	17.56	17.57	17.55	18			50	56
17.61	17.63	17.54	17.58	18			100	0
17.66	17.67	17.59	17.53	18	DFT-S 16QAM	1	1	
15.99	16.16	16.01	16.12	16.5	DFT-S 64QAM	1	1	
14.14	14.13	14.14	14.00	14.5	DFT-S 256QAM	1	1	
17.03	17.13	17.18	17.01	17.5	CP QPSK	1	1	

NR Band n48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666	Channel				
3565.02	3605.01	3645	3684.99	Frequency (MHz)				
18.57	18.48	18.68	18.52	19	DFT-S $\pi/2$ BPSK	30MHz	1	1
18.57	18.48	18.49	18.64	19			1	39
18.55	18.57	18.57	18.67	19			1	76
18.17	18.11	18.05	18.16	18.5			36	0
18.58	18.66	18.51	18.67	19			36	21
18.07	18.15	18.16	18.03	18.5			36	42
18.06	18.17	18.14	18.16	18.5			75	0
18.51	18.65	18.95	18.83	19	DFT-S QPSK		1	1
18.49	18.52	18.63	18.50	19			1	39
18.66	18.52	18.61	18.49	19			1	76
17.65	17.57	17.64	17.62	18			36	0
18.51	18.54	18.57	18.59	19			36	21
17.51	17.56	17.59	17.62	18			36	42
17.64	17.62	17.62	17.62	18			75	0
17.62	17.49	17.52	17.59	18	DFT-S 16QAM	1	1	
16.04	16.02	15.98	16.16	16.5	DFT-S 64QAM	1	1	
14.14	14.06	14.07	14.08	14.5	DFT-S 256QAM	1	1	
17.08	17.02	17.06	17.13	17.5	CP QPSK	1	1	



NR Band n48 Ant 4									
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset	
637334	640220	643114	646000	Channel					
3560.01	3603.3	3646.71	3690	Frequency (MHz)					
18.48	18.68	18.57	18.58	19	DFT-S $\pi/2$ BPSK	20MHz	1	1	
18.64	18.57	18.60	18.49	19			1	26	
18.64	18.67	18.61	18.60	19			1	49	
18.03	18.09	18.03	18.14	18.5			25	0	
18.65	18.57	18.48	18.64	19			25	13	
18.00	18.11	18.14	18.02	18.5			25	26	
18.12	18.08	18.16	18.07	18.5			50	0	
18.86	18.84	18.88	18.70	19	DFT-S QPSK		1	1	
18.51	18.66	18.50	18.60	19			1	26	
18.54	18.67	18.61	18.66	19			1	49	
17.55	17.54	17.58	17.57	18			25	0	
18.63	18.65	18.65	18.65	19			25	13	
17.60	17.60	17.64	17.55	18			25	26	
17.61	17.65	17.50	17.55	18			50	0	
17.54	17.68	17.66	17.49	18	DFT-S 16QAM	1	1		
16.00	15.99	16.06	16.04	16.5	DFT-S 64QAM	1	1		
14.08	14.01	14.12	13.99	14.5	DFT-S 256QAM	1	1		
17.16	17.00	17.18	17.09	17.5	CP QPSK	1	1		

NR Band n48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637168	640168	643166	646166	Channel				
3557.52	3602.52	3647.49	3692.49	Frequency (MHz)				
18.67	18.50	18.65	18.53	19	DFT-S $\pi/2$ BPSK	15MHz	1	1
18.55	18.61	18.59	18.67	19			1	19
18.57	18.48	18.66	18.54	19			1	36
17.98	18.09	18.17	18.16	18.5			18	0
18.60	18.55	18.65	18.53	19			18	10
18.10	18.13	18.11	18.11	18.5			18	20
17.98	18.04	18.03	18.13	18.5			36	0
18.84	18.87	18.76	18.89	19	DFT-S QPSK		1	1
18.59	18.63	18.60	18.55	19			1	19
18.52	18.63	18.67	18.48	19			1	36
17.60	17.55	17.52	17.50	18			18	0
18.57	18.61	18.59	18.57	19			18	10
17.55	17.67	17.68	17.58	18			18	20
17.66	17.48	17.61	17.66	18			36	0
17.56	17.51	17.63	17.54	18	DFT-S 16QAM	1	1	
16.13	16.13	16.11	16.13	16.5	DFT-S 64QAM	1	1	
14.01	14.00	13.99	14.06	14.5	DFT-S 256QAM	1	1	
17.13	17.10	17.11	17.03	17.5	CP QPSK	1	1	

NR Band n48 Ant 4								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637000	640110	643222	646332	Channel				
3555	3601.65	3648.33	3694.98	Frequency (MHz)				
18.48	18.56	18.49	18.50	19	DFT-S $\pi/2$ BPSK	10MHz	1	1
18.58	18.59	18.54	18.60	19			1	11
18.55	18.68	18.58	18.56	19			1	22
18.09	18.02	18.13	18.16	18.5			12	0
18.54	18.66	18.50	18.58	19			12	6
18.10	18.04	18.00	18.11	18.5			12	12
18.01	17.98	18.07	17.98	18.5			24	0
18.54	18.65	18.54	18.48	19	DFT-S QPSK		1	1
18.67	18.56	18.53	18.54	19			1	11
18.62	18.49	18.50	18.53	19			1	22
17.53	17.62	17.57	17.54	18			12	0
18.61	18.49	18.61	18.67	19			12	6
17.62	17.49	17.51	17.62	18			12	12
17.61	17.68	17.67	17.65	18			24	0
17.54	17.63	17.56	17.64	18	DFT-S 16QAM	1	1	
15.98	16.12	16.04	16.01	16.5	DFT-S 64QAM	1	1	
14.17	14.04	14.06	14.13	14.5	DFT-S 256QAM	1	1	
17.11	17.18	17.00	17.05	17.5	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633334	637430	641524	645619	649714	653810	357904	662000	Channel				
3500.01	3561.45	3622.86	3684.3	3745.71	3807.15	3868.56	3930	Frequency (MHz)				
18.88	19.00	18.95	18.99	19.03	18.95	19.08	19.03	19.5	DFT-S $\pi/2$ BPSK	100 MHz	1	1
19.08	18.88	18.89	19.00	18.97	19.06	18.97	19.00	19.5			1	137
19.06	19.05	19.00	19.00	19.06	19.00	18.94	18.93	19.5			1	271
18.57	18.46	18.49	18.55	18.47	18.49	18.48	18.58	19			135	0
18.88	19.02	18.91	19.03	18.93	19.08	18.94	19.01	19.5			135	69
18.45	18.55	18.49	18.38	18.40	18.58	18.47	18.56	19			135	138
18.58	18.53	18.54	18.50	18.58	18.48	18.50	18.38	19			270	0
19.36	18.89	18.93	19.37	19.15	19.28	19.24	19.05	19.5	DFT-S QPSK		1	1
18.96	18.94	18.89	19.08	18.91	19.01	18.99	19.00	19.5			1	137
18.99	18.96	19.08	19.02	18.97	19.02	18.91	19.02	19.5			1	271
17.98	17.99	17.88	17.91	18.06	18.08	17.91	17.89	18.5			135	0
19.08	18.93	19.03	19.10	18.89	18.88	19.08	19.05	19.5			135	69
17.93	18.07	17.93	18.08	17.96	17.99	17.89	18.05	18.5			135	138
18.06	18.02	17.93	18.16	18.03	17.94	17.92	17.89	18.5			270	0
17.89	17.93	18.03	17.94	17.94	17.88	18.07	18.00	18.5	DFT-S 16QAM	1	1	
16.41	16.50	16.52	16.40	16.46	16.50	16.47	16.51	17	DFT-S 64QAM	1	1	
14.49	14.50	14.51	14.38	14.48	14.55	14.49	14.58	15	DFT-S 256QAM	1	1	
17.43	17.44	17.52	17.47	17.54	17.48	17.52	17.53	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
633000	637190	641380	645570	649760	653950	658140	662333	Channel				
3495	3557.85	3620.7	3683.55	3746.4	3809.25	3872.1	3934.99	Frequency (MHz)				
18.97	18.88	19.01	18.95	18.98	18.89	19.08	18.91	19.5	DFT-S $\pi/2$ BPSK	90 MHz	1	1
18.98	18.91	18.90	18.98	19.08	18.99	18.95	18.91	19.5			1	123
19.07	19.01	18.98	18.96	19.08	19.00	19.03	18.99	19.5			1	243
18.56	18.43	18.47	18.41	18.51	18.48	18.56	18.42	19			120	0
19.07	19.03	19.08	19.02	19.01	18.97	19.00	18.90	19.5			120	63
18.53	18.38	18.46	18.48	18.54	18.58	18.57	18.58	19			120	125
18.49	18.42	18.49	18.38	18.53	18.42	18.42	18.57	19			243	0
19.20	19.29	18.99	19.23	19.04	18.90	18.97	19.29	19.5			1	1
18.96	18.97	18.93	18.98	18.88	18.96	19.08	18.88	19.5	DFT-S QPSK	90 MHz	1	123
18.88	19.06	19.08	19.05	18.96	19.01	18.88	18.99	19.5			1	243
18.06	18.04	18.08	17.89	17.91	17.95	18.05	17.96	18.5			120	0
19.00	19.03	18.91	18.96	19.08	18.95	19.03	18.94	19.5			120	63
17.97	17.99	17.89	18.08	18.02	17.97	18.01	18.06	18.5			120	125
17.98	17.95	17.97	17.96	17.98	17.98	18.01	17.97	18.5			243	0
17.91	18.08	17.97	17.90	18.02	17.91	17.97	17.91	18.5			1	1
16.45	16.51	16.56	16.39	16.48	16.41	16.47	16.44	17	DFT-S 64QAM	1	1	
14.49	14.55	14.46	14.58	14.47	14.41	14.50	14.51	15	DFT-S 256QAM	1	1	
17.47	17.50	17.52	17.40	17.57	17.41	17.53	17.38	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632680	636964	641248	645532	649816	654100	658382	662666	Channel				
3490.2	3554.46	3618.72	3682.98	3747.24	3811.5	3875.73	3939.99	Frequency (MHz)				
18.93	18.91	19.07	19.04	19.00	18.92	19.00	18.93	19.5	DFT-S $\pi/2$ BPSK	80 MHz	1	1
19.06	19.02	18.88	18.99	18.99	19.02	19.07	19.04	19.5			1	109
18.98	18.94	18.96	18.92	18.91	19.00	19.04	19.01	19.5			1	215
18.58	18.40	18.57	18.56	18.50	18.56	18.48	18.58	19			108	0
18.95	18.88	18.88	18.96	19.08	18.98	18.90	18.95	19.5			108	55
18.54	18.50	18.47	18.57	18.40	18.54	18.44	18.48	19			108	109
18.39	18.46	18.47	18.49	18.46	18.51	18.57	18.39	19			216	0
18.88	19.12	19.10	19.15	19.33	19.12	19.32	19.32	19.5	DFT-S QPSK		1	1
18.90	18.97	18.99	19.03	18.94	18.96	18.95	18.95	19.5			1	109
19.06	19.08	18.97	18.94	18.90	19.00	19.05	19.00	19.5			1	215
18.00	17.99	18.04	18.07	18.01	18.03	17.97	17.98	18.5			108	0
19.06	19.04	18.92	18.96	19.07	18.91	18.99	18.96	19.5			108	55
18.06	17.93	18.04	18.07	17.88	17.90	18.02	17.91	18.5			108	109
18.04	17.99	18.02	18.02	17.92	18.03	17.95	18.02	18.5			216	0
18.08	18.01	17.97	18.01	18.01	18.02	18.05	17.97	18.5	DFT-S 16QAM	1	1	
16.40	16.51	16.57	16.49	16.43	16.41	16.56	16.48	17	DFT-S 64QAM	1	1	
14.49	14.39	14.51	14.57	14.45	14.57	14.56	14.39	15	DFT-S 256QAM	1	1	
17.50	17.58	17.54	17.40	17.57	17.49	17.50	17.40	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632333	636712	641092	645472	649852	654232	658612	663000	Channel				
3485	3550.68	3616.38	3682.08	3747.78	3813.48	3879.18	3945	Frequency (MHz)				
18.89	19.01	18.93	19.07	18.90	19.04	18.90	18.94	19.5	DFT-S $\pi/2$ BPSK	70 MHz	1	1
19.08	19.08	19.02	18.88	19.03	18.89	19.00	19.07	19.5			1	95
19.07	19.03	18.96	18.92	19.08	19.08	18.93	18.90	19.5			1	187
18.54	18.38	18.56	18.38	18.46	18.49	18.58	18.48	19			90	0
18.94	19.06	19.08	18.88	19.08	19.05	18.96	18.96	19.5			90	50
18.48	18.52	18.41	18.41	18.57	18.50	18.54	18.58	19			90	99
18.47	18.57	18.45	18.42	18.55	18.42	18.55	18.53	19			180	0
19.15	19.23	18.93	19.11	19.23	18.91	19.03	19.31	19.5			1	1
18.99	19.04	19.00	18.98	18.99	18.99	18.91	19.07	19.5	DFT-S QPSK	70 MHz	1	95
18.92	19.07	19.03	18.91	19.01	19.05	19.00	18.90	19.5			1	187
18.04	18.06	17.98	17.88	18.02	18.04	17.96	17.97	18.5			90	0
18.99	19.08	19.02	18.97	19.03	19.03	18.96	19.07	19.5			90	50
18.04	18.05	17.95	17.94	17.98	17.93	18.05	17.97	18.5			90	99
18.03	17.89	18.04	18.06	17.92	17.89	18.08	17.92	18.5			180	0
17.88	17.93	18.00	17.96	18.07	17.97	18.07	17.88	18.5			1	1
16.58	16.51	16.53	16.49	16.53	16.46	16.57	16.49	17			1	1
14.45	14.54	14.47	14.43	14.51	14.39	14.47	14.38	15	DFT-S 256QAM	1	1	
17.44	17.56	17.39	17.47	17.38	17.55	17.43	17.48	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
632000	636476	640952	645428	649904	654380	658856	663333	Channel				
3480	3547.14	3614.28	3681.42	3748.56	3815.7	3882.84	3949.99	Frequency (MHz)				
19.06	19.03	19.04	19.05	19.08	18.92	18.94	19.07	19.5	DFT-S $\pi/2$ BPSK	60 MHz	1	1
18.98	18.96	18.90	18.99	18.99	18.91	18.89	18.88	19.5			1	81
18.92	18.97	18.98	18.97	18.99	19.04	19.04	18.93	19.5			1	160
18.53	18.43	18.42	18.44	18.44	18.49	18.38	18.57	19			81	0
19.08	19.05	19.04	19.05	19.07	19.04	18.97	18.99	19.5			81	41
18.54	18.40	18.56	18.53	18.56	18.41	18.43	18.55	19			81	81
18.42	18.52	18.53	18.56	18.45	18.45	18.49	18.55	19			162	0
18.90	19.25	19.05	19.13	19.20	19.24	19.07	19.02	19.5			1	1
19.04	18.91	18.92	18.97	19.07	18.95	18.99	18.92	19.5	DFT-S QPSK	60 MHz	1	81
18.90	18.90	19.01	19.04	19.08	19.03	18.98	18.96	19.5			1	160
17.88	18.08	18.01	17.90	18.06	17.91	18.08	17.99	18.5			81	0
18.93	18.92	19.07	18.95	19.03	18.89	19.07	19.02	19.5			81	41
17.91	17.89	18.07	18.03	17.96	18.07	17.91	17.98	18.5			81	81
17.89	18.02	18.01	17.90	18.06	17.99	18.08	18.02	18.5			162	0
18.06	17.91	17.98	17.97	18.07	17.98	17.90	17.96	18.5			1	1
16.50	16.52	16.39	16.42	16.41	16.39	16.58	16.58	17			1	1
14.58	14.58	14.58	14.50	14.49	14.52	14.51	14.54	15	DFT-S 256QAM	1	1	
17.49	17.49	17.53	17.40	17.43	17.42	17.48	17.38	18	CP QPSK	1	1	



NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631666	636238	640810	645382	649954	654526	659098	663666	Channel				
3474.99	3543.57	3612.15	3680.73	3749.31	3817.89	3886.47	3954.99	Frequency (MHz)				
19.02	19.06	19.01	18.93	18.94	18.91	18.95	18.94	19.5	DFT-S $\pi/2$ BPSK	50 MHz	1	1
18.90	19.08	18.91	18.90	19.00	19.06	18.91	19.02	19.5			1	67
18.92	19.07	18.99	18.92	19.01	18.98	18.90	19.03	19.5			1	131
18.53	18.47	18.50	18.55	18.51	18.45	18.57	18.43	19			64	0
19.02	18.94	18.97	18.91	18.97	19.02	19.04	18.95	19.5			64	35
18.49	18.41	18.38	18.52	18.50	18.56	18.43	18.55	19			64	69
18.42	18.50	18.45	18.51	18.50	18.55	18.40	18.41	19			128	0
19.14	19.05	19.26	19.30	19.30	19.31	19.28	19.22	19.5			1	1
19.02	18.99	19.08	18.95	19.07	18.89	19.02	18.88	19.5	DFT-S QPSK	50 MHz	1	1
18.98	19.02	19.08	19.02	18.99	19.05	18.97	19.05	19.5			1	67
17.88	17.91	17.97	17.95	18.05	18.08	17.99	17.90	18.5			1	131
19.02	18.90	19.01	18.98	18.93	19.07	19.03	19.08	19.5			64	0
17.91	18.01	18.04	18.01	17.95	17.99	17.90	17.94	18.5			64	35
18.05	17.92	18.02	18.08	18.02	18.05	18.02	17.94	18.5			64	69
18.07	18.08	18.05	17.88	17.99	17.94	17.94	17.94	18.5			128	0
16.41	16.54	16.39	16.41	16.51	16.38	16.48	16.40	17			DFT-S 64QAM	1
14.58	14.44	14.46	14.46	14.57	14.51	14.40	14.52	15	DFT-S 256QAM	1	1	
17.55	17.52	17.56	17.40	17.53	17.58	17.45	17.57	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631340	636006	640672	654338	650004	654700	659336	664000	Channel				
3470.1	3540.09	3610.08	3680.07	3750.06	3820.05	3890.04	3960	Frequency (MHz)				
18.98	18.95	19.05	19.01	18.91	18.94	18.92	18.92	19.5	DFT-S $\pi/2$ BPSK	40 MHz	1	1
18.98	19.06	19.07	19.03	19.00	18.98	19.04	19.02	19.5			1	53
18.94	18.95	18.99	18.92	19.06	18.98	18.90	18.99	19.5			1	104
18.55	18.38	18.58	18.49	18.40	18.42	18.52	18.41	19			50	0
19.07	18.98	18.95	19.06	19.07	19.03	18.93	19.07	19.5			50	28
18.38	18.41	18.57	18.55	18.48	18.39	18.49	18.58	19			50	56
18.56	18.44	18.50	18.40	18.42	18.47	18.51	18.39	19			100	0
18.93	19.25	19.34	19.16	18.89	19.32	18.99	19.21	19.5			1	1
18.94	19.03	19.01	18.98	19.00	18.98	19.08	19.01	19.5	DFT-S QPSK	40 MHz	1	53
19.03	19.02	18.94	18.89	19.04	18.96	18.98	18.99	19.5			1	104
18.08	17.91	18.01	17.91	18.04	17.94	18.07	17.91	18.5			50	0
18.89	19.08	18.88	18.97	18.97	18.88	18.95	19.06	19.5			50	28
17.96	18.08	17.99	17.88	17.94	17.95	18.08	17.96	18.5			50	56
18.04	17.95	17.92	18.06	17.93	18.02	17.92	17.95	18.5			100	0
17.88	17.96	17.96	18.04	17.98	17.95	17.88	18.07	18.5			128	0
16.51	16.52	16.41	16.46	16.50	16.47	16.54	16.41	17			DFT-S 64QAM	1
14.54	14.56	14.45	14.46	14.46	14.45	14.49	14.54	15	DFT-S 256QAM	1	1	
17.44	17.44	17.54	17.44	17.40	17.44	17.43	17.39	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
631000	635762	640524	645286	650048	654810	659572	664333	Channel				
3465	3536.43	3607.86	3679.29	3750.72	3822.15	3893.58	3964.99	Frequency (MHz)				
18.98	19.08	19.05	19.03	18.91	18.97	19.02	18.97	19.5	DFT-S $\pi/2$ BPSK	30 MHz	1	1
19.03	18.98	18.97	19.08	18.97	19.05	19.01	19.08	19.5			1	39
19.08	18.89	19.00	18.99	18.96	19.00	18.95	18.95	19.5			1	76
18.40	18.56	18.52	18.47	18.42	18.54	18.45	18.48	19			36	0
19.02	18.88	19.03	18.88	18.93	18.97	18.99	19.06	19.5			36	21
18.45	18.44	18.55	18.45	18.54	18.46	18.38	18.53	19			36	42
18.58	18.54	18.56	18.58	18.47	18.48	18.57	18.49	19			75	0
19.10	19.07	19.25	18.98	19.21	18.93	18.95	19.30	19.5			1	1
19.04	18.88	18.94	18.95	19.03	19.04	18.98	18.97	19.5	DFT-S QPSK	30 MHz	1	39
18.90	19.03	19.00	19.04	19.08	18.93	19.06	19.07	19.5			1	76
17.91	18.05	17.92	18.05	17.93	18.00	18.06	17.88	18.5			36	0
18.97	19.08	19.02	18.90	18.90	18.92	18.94	19.06	19.5			36	21
17.92	17.89	17.91	17.91	17.90	17.90	17.91	17.88	18.5			36	42
17.98	18.01	17.88	18.07	17.98	17.94	17.92	18.08	18.5			75	0
18.05	18.08	17.94	18.03	18.08	18.00	17.99	17.95	18.5			128	0
16.57	16.56	16.51	16.39	16.58	16.38	16.52	16.53	17			DFT-S 64QAM	1
14.52	14.48	14.51	14.51	14.42	14.45	14.42	14.44	15	DFT-S 256QAM	1	1	
17.44	17.45	17.52	17.47	17.53	17.43	17.57	17.48	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630840	635648	640456	645264	650072	654880	659690	664500	Channel				
3462.6	3534.72	3606.84	3678.96	3751.08	3823.2	3895.35	3967.5	Frequency (MHz)				
18.96	18.95	18.91	18.89	18.96	18.90	18.90	18.94	19.5	DFT-S $\pi/2$ BPSK	25 MHz	1	1
18.98	19.02	19.06	18.98	18.88	18.99	18.93	18.98	19.5			1	33
18.95	18.95	18.93	18.95	19.00	18.96	18.90	18.88	19.5			1	63
18.58	18.54	18.54	18.52	18.52	18.50	18.38	18.54	19			32	0
18.96	19.02	19.02	19.04	18.92	19.07	18.99	19.01	19.5			32	17
18.49	18.43	18.44	18.49	18.55	18.55	18.42	18.39	19			32	33
18.53	18.50	18.44	18.53	18.39	18.44	18.46	18.54	19			64	0
18.95	18.92	19.15	19.03	19.04	19.35	19.25	18.94	19.5			1	1
18.93	19.03	18.91	19.07	19.04	19.05	18.92	19.04	19.5	1	33		
19.01	18.88	18.90	18.88	18.99	19.08	18.92	19.06	19.5	1	63		
17.90	17.94	18.02	17.97	17.97	17.92	17.97	17.94	18.5	32	0		
18.96	18.90	19.03	18.96	19.05	18.96	19.07	18.91	19.5	32	17		
18.06	18.08	17.99	18.01	18.01	18.01	18.02	17.95	18.5	32	33		
18.06	18.01	18.07	18.06	18.01	17.97	17.89	18.05	18.5	64	0		
18.02	18.00	18.04	17.95	18.00	17.98	17.92	18.00	18.5	128	0		
16.48	16.53	16.39	16.49	16.48	16.53	16.39	16.44	17	1	1		
14.53	14.52	14.55	14.56	14.43	14.46	14.38	14.56	15	1	1		
17.56	17.45	17.49	17.56	17.54	17.45	17.52	17.44	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630666	635522	640378	645236	650094	654950	659808	664666	Channel				
3459.99	3532.83	3605.67	3678.54	3751.41	3824.25	3897.12	3969.99	Frequency (MHz)				
19.04	19.08	18.95	18.98	19.01	18.89	18.93	19.04	19.5	DFT-S $\pi/2$ BPSK	20 MHz	1	1
19.03	19.03	19.08	19.02	19.00	18.92	19.04	19.03	19.5			1	26
19.08	19.06	19.06	19.02	19.01	18.91	18.92	18.91	19.5			1	49
18.42	18.39	18.55	18.48	18.48	18.46	18.53	18.52	19			25	0
18.90	19.02	18.89	19.08	19.08	19.06	18.96	19.01	19.5			25	13
18.40	18.43	18.44	18.42	18.52	18.38	18.38	18.54	19			25	26
18.53	18.49	18.51	18.51	18.51	18.56	18.42	18.48	19			50	0
19.27	19.06	19.23	19.19	19.24	19.28	18.98	19.31	19.5			1	1
19.04	18.93	18.94	18.92	18.95	18.96	18.89	18.92	19.5	DFT-S QPSK	20 MHz	1	26
19.03	19.08	18.94	19.01	18.99	18.93	18.93	18.99	19.5			1	49
18.01	17.88	18.01	18.04	17.99	18.01	18.04	17.95	18.5			25	0
18.91	18.94	18.92	19.03	19.02	19.00	19.05	18.92	19.5			25	13
18.08	17.94	17.99	17.95	17.89	17.96	18.02	17.90	18.5			25	26
17.92	17.98	17.93	17.92	18.01	17.91	18.08	17.99	18.5			50	0
18.00	17.92	18.08	17.91	18.04	17.92	18.01	17.95	18.5			128	0
16.58	16.46	16.56	16.45	16.49	16.48	16.53	16.58	17	DFT-S 64QAM	1	1	
14.42	14.40	14.46	14.39	14.45	14.46	14.54	14.55	15	DFT-S 256QAM	1	1	
17.45	17.49	17.47	17.46	17.43	17.43	17.48	17.43	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630500	635404	640308	645212	650118	655022	659926	664833	Channel				
3457.5	3531.06	3604.62	3678.18	3751.77	3825.33	3898.89	3972.5	Frequency (MHz)				
19.02	18.94	18.92	19.02	18.89	19.08	19.02	18.97	19.5	DFT-S $\pi/2$ BPSK	15 MHz	1	1
18.89	19.05	18.97	19.01	18.90	18.96	18.98	18.90	19.5			1	19
18.98	18.95	18.95	19.02	18.90	18.88	19.06	19.01	19.5			1	36
18.56	18.41	18.44	18.43	18.52	18.40	18.49	18.54	19			18	0
19.08	18.92	18.96	18.99	18.98	18.89	18.91	19.02	19.5			18	10
18.38	18.52	18.38	18.57	18.56	18.44	18.38	18.38	19			18	20
18.38	18.41	18.44	18.41	18.58	18.41	18.38	18.53	19			36	0
19.31	18.90	19.28	19.30	19.10	18.97	18.94	18.93	19.5			1	1
18.92	18.95	18.94	18.94	18.91	19.03	18.89	19.02	19.5	DFT-S QPSK	15 MHz	1	19
19.05	18.98	18.99	19.04	19.02	18.95	19.04	19.08	19.5			1	36
17.99	18.05	18.01	18.05	17.90	18.02	17.98	18.08	18.5			18	0
19.07	18.99	18.93	18.94	18.94	18.96	18.96	18.90	19.5			18	10
17.95	17.96	17.94	17.89	18.08	17.89	17.96	17.99	18.5			18	20
18.01	18.07	17.97	18.06	17.99	17.91	17.98	18.00	18.5			36	0
18.04	18.05	17.89	18.02	17.90	18.02	17.90	17.94	18.5			128	0
16.38	16.51	16.57	16.46	16.51	16.53	16.56	16.50	17			DFT-S 64QAM	1
14.42	14.38	14.38	14.45	14.52	14.46	14.41	14.54	15	DFT-S 256QAM	1	1	
17.50	17.48	17.39	17.48	17.55	17.44	17.39	17.51	18	CP QPSK	1	1	

NR Band n77 Ant 4												
Maximum Average Power (dBm)								Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
630333	635286	640238	645190	650142	655094	660046	665000	Channel				
3454.99	3529.29	3603.57	3677.85	3752.13	3826.41	3900.69	3975	Frequency (MHz)				
18.95	19.02	18.96	18.88	19.07	18.99	18.93	18.97	19.5	DFT-S $\pi/2$ BPSK	10 MHz	1	1
19.08	19.02	19.06	19.04	19.01	19.03	18.99	19.06	19.5			1	11
18.88	19.01	19.05	19.08	18.88	19.07	18.94	18.99	19.5			1	22
18.53	18.38	18.46	18.46	18.55	18.50	18.56	18.43	19			12	0
19.01	19.00	18.94	19.01	19.06	18.93	19.07	18.96	19.5			12	6
18.45	18.47	18.45	18.54	18.41	18.39	18.53	18.44	19			12	12
18.52	18.51	18.50	18.40	18.58	18.42	18.58	18.56	19			24	0
18.90	18.98	19.27	19.14	19.31	18.94	19.08	19.18	19.5	DFT-S QPSK		1	1
19.04	18.90	18.97	19.03	19.00	18.96	18.99	18.88	19.5			1	11
18.98	18.98	18.95	19.04	18.96	18.96	19.05	19.06	19.5			1	22
18.07	17.96	17.97	18.00	17.88	18.08	17.95	17.90	18.5			12	0
18.94	18.97	18.91	18.97	18.97	19.01	18.89	18.90	19.5			12	6
18.01	17.98	18.01	18.02	17.92	18.07	17.90	17.94	18.5			12	12
18.08	17.92	18.07	17.89	18.08	17.95	17.96	17.90	18.5			24	0
17.90	17.95	18.08	18.07	17.98	18.06	17.91	17.98	18.5	DFT-S 16QAM	128	0	
16.52	16.45	16.52	16.54	16.44	16.41	16.53	16.50	17	DFT-S 64QAM	1	1	
14.38	14.50	14.52	14.50	14.53	14.40	14.43	14.40	15	DFT-S 256QAM	1	1	
17.58	17.42	17.42	17.51	17.52	17.46	17.42	17.56	18	CP QPSK	1	1	

NR Band n48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
638000	640444	642888	645332	Channel				
3570	3606.66	3643.32	3679.98	Frequency (MHz)				
23.02	23.04	23.03	23.16	24	DFT-S $\pi/2$ BPSK	40MHz	1	1
23.00	23.20	23.09	23.19	24			1	53
23.03	23.12	23.16	23.00	24			1	104
22.68	22.66	22.70	22.70	23.5			50	0
23.06	23.16	23.01	23.11	24			50	28
22.50	22.64	22.62	22.70	23.5			50	56
22.51	22.52	22.58	22.67	23.5			100	0
23.32	23.33	23.18	23.21	24	DFT-S QPSK		1	1
23.13	23.11	23.11	23.07	24			1	53
23.17	23.18	23.03	23.01	24			1	104
22.16	22.04	22.02	22.06	23			50	0
23.14	23.20	23.07	23.13	24			50	28
22.07	22.19	22.20	22.12	23			50	56
22.18	22.29	22.02	22.18	23			100	0
22.19	22.15	22.16	22.12	23	DFT-S 16QAM	1	1	
20.56	20.60	20.63	20.58	21.5	DFT-S 64QAM	1	1	
18.55	18.64	18.54	18.55	19.5	DFT-S 256QAM	1	1	
21.57	21.55	21.54	21.67	22.5	CP QPSK	1	1	



NR Band n48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637668	640334	643000	645666	Channel				
3565.02	3605.01	3645	3684.99	Frequency (MHz)				
23.00	23.02	23.16	23.08	24	DFT-S $\pi/2$ BPSK	30MHz	1	1
23.09	23.07	23.00	23.03	24			1	39
23.01	23.07	23.11	23.06	24			1	76
22.64	22.63	22.64	22.54	23.5			36	0
23.02	23.05	23.12	23.16	24			36	21
22.66	22.64	22.69	22.59	23.5			36	42
22.50	22.70	22.55	22.53	23.5			75	0
23.19	23.16	23.16	23.03	24	DFT-S QPSK		1	1
23.18	23.15	23.14	23.12	24			1	39
23.06	23.14	23.18	23.17	24			1	76
22.06	22.18	22.00	22.18	23			36	0
23.12	23.15	23.11	23.06	24			36	21
22.17	22.09	22.04	22.17	23			36	42
22.10	22.18	22.05	22.19	23			75	0
22.10	22.10	22.20	22.05	23	DFT-S 16QAM	1	1	
20.60	20.51	20.57	20.69	21.5	DFT-S 64QAM	1	1	
18.60	18.59	18.68	18.54	19.5	DFT-S 256QAM	1	1	
21.70	21.52	21.53	21.66	22.5	CP QPSK	1	1	

NR Band n48 Ant 5								
Maximum Average Power (dBm)				Tune up (dBm)	Modulation	Bandwidth	# of Resource Blocks	Resource Block Offset
637334	640220	643114	646000	Channel				
3560.01	3603.3	3646.71	3690	Frequency (MHz)				
23.15	23.12	23.20	23.19	24	DFT-S $\pi/2$ BPSK	20MHz	1	1
23.10	23.02	23.03	23.14	24			1	26
23.12	23.18	23.06	23.08	24			1	49
22.60	22.53	22.62	22.52	23.5			25	0
23.02	23.12	23.04	23.07	24			25	13
22.53	22.70	22.67	22.70	23.5			25	26
22.60	22.64	22.60	22.68	23.5			50	0
23.06	23.04	23.18	23.15	24	1		1	
23.12	23.02	23.00	23.03	24	1		26	
23.05	23.02	23.12	23.10	24	1		49	
22.03	22.03	22.10	22.19	23	25		0	
23.17	23.15	23.11	23.00	24	25		13	
22.12	22.14	22.01	22.06	23	25		26	
22.00	22.07	22.17	22.05	23	50		0	
22.14	22.15	22.03	22.20	23	DFT-S 16QAM	1	1	
20.70	20.61	20.70	20.55	21.5	DFT-S 64QAM	1	1	
18.67	18.55	18.62	18.59	19.5	DFT-S 256QAM	1	1	
21.65	21.50	21.64	21.60	22.5	CP QPSK	1	1	